

Figure 1:
% of human sera with neutralising capacity for human adenovirus (n=100)

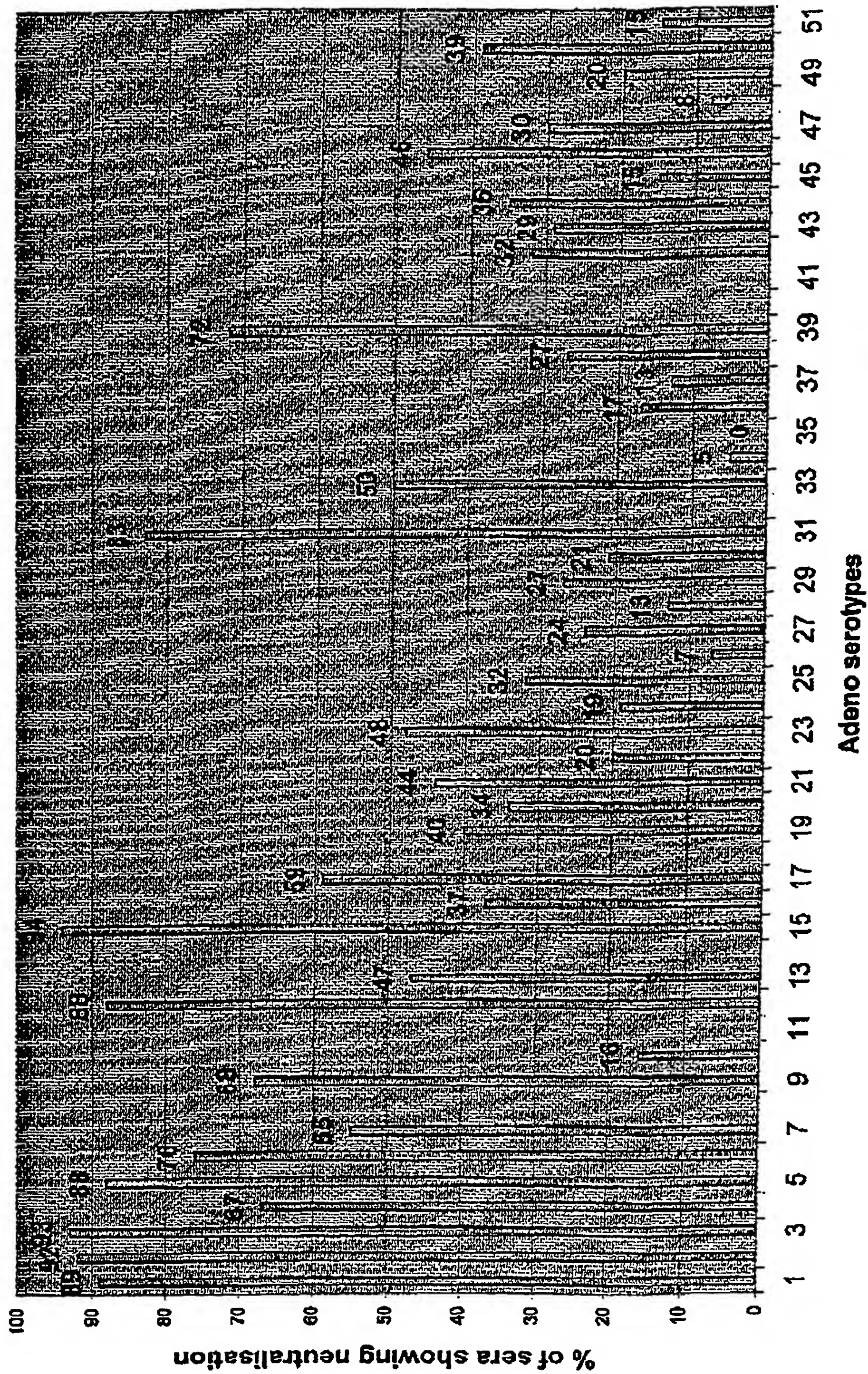


Figure 2

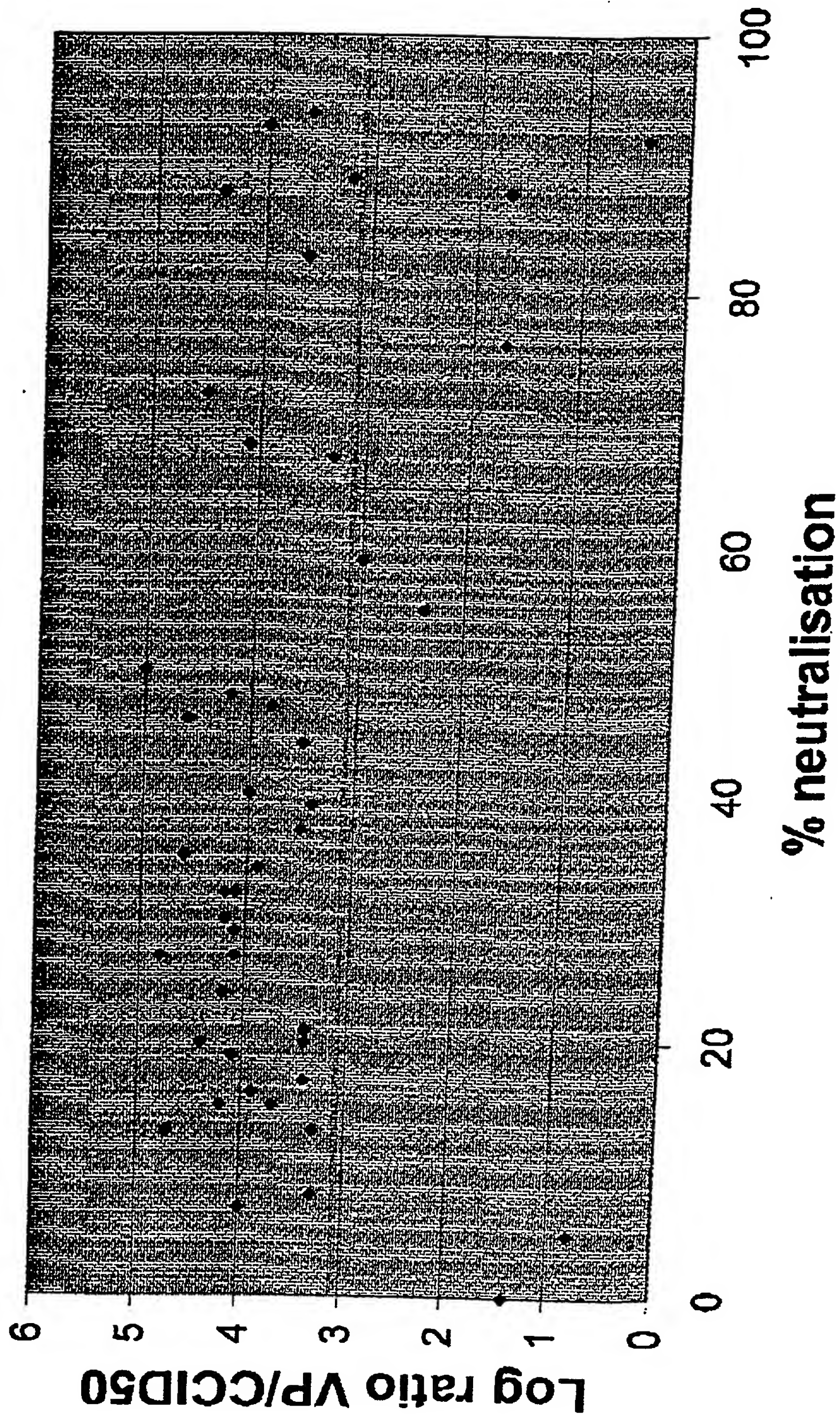


Figure 3

Neutralisation in human sera

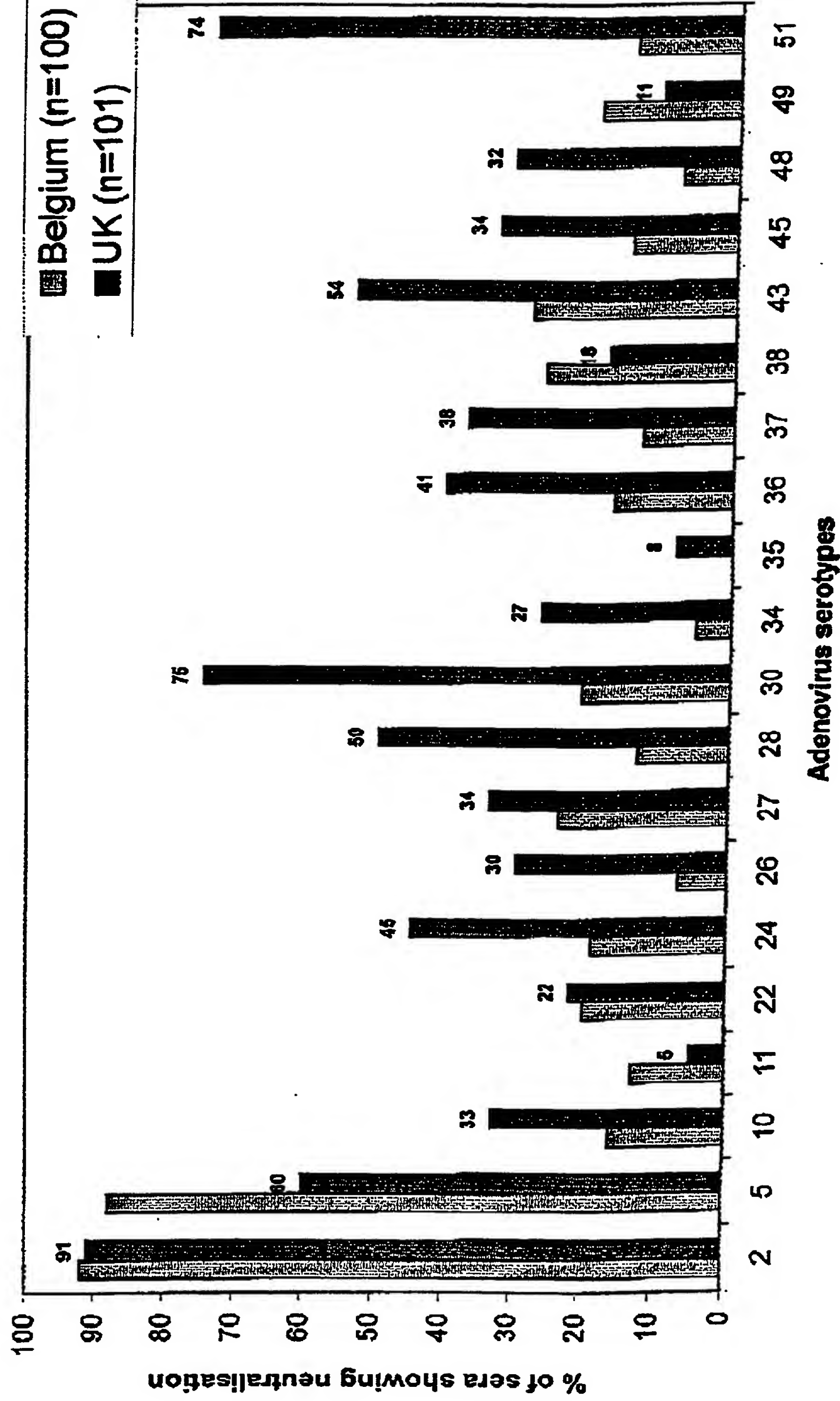


Figure 4

Neutralisation in human sera from different geographic locations

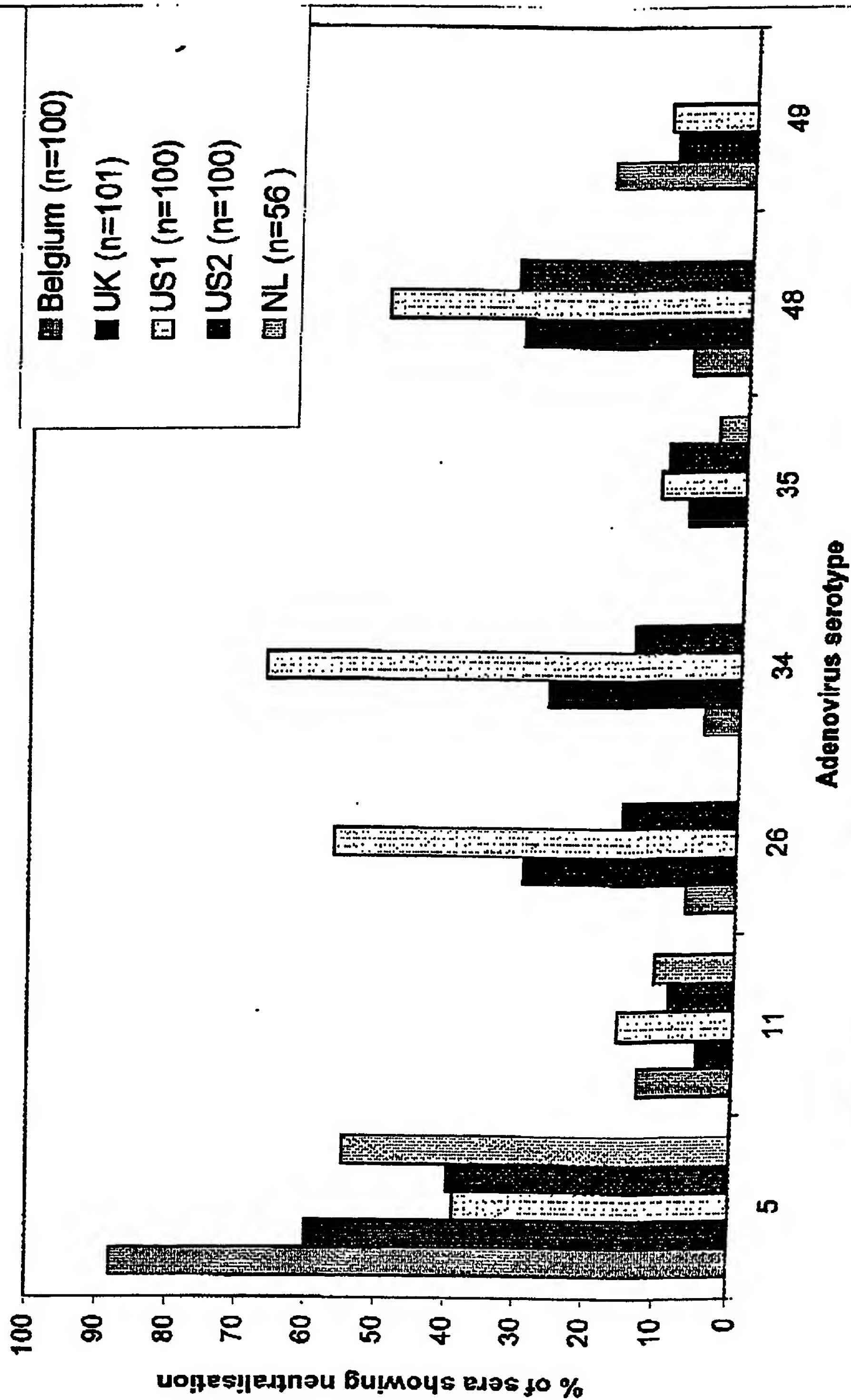


Figure 5: Total sequence of Ad35.

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141 TGGGGGTGGA GTTTTTTTGC AAGTTGTGCG GGGAAATGTT ACGCATAAAA AGGCTTCTTT TCTCACGGAA
211 CTACTTAGTT TTCCACGGT ATTTAACAGG AAATGAGGTA GTTTTGACCG GATGCAAGTG AAAATTGCTG
281 ATTTTCGCGC GAAAACTGAA TGAGGAAGTG TTTTCTGAA TAATGTGGTA TTTATGGCAG GGTGGAGTAT
351 TTGTTCAAGG CCAGGTAGAC TTTGACCCAT TACGTGGAGG TTTGATTAC CGTGTTTTTT ACCTGAATTT
421 CCGCGTACCG TGTCAAAGTC TTCTGTTTTT ACGTAGGTGT CAGCTGATCG CTAGGGTATT TATACCTCAG
491 GGTTTGTGTC AAGAGGCCAC TCTTGAGTGC CAGCGAGAAG AGTTTTCTCC TCTGCGCCGG CAGTTTAATA
561 ATAAAAAAT GAGAGATTTG CGATTTCTGC CTCAGGAAAT AATCTCTGCT GAGACTGGAA ATGAAATATT
631 GGAGCTTGTG GTGCACGCCC TGATGGGAGA CGATCCGGAG CCACCTGTGC AGCTTTTTGA GCCTCCTACG
701 CTTCAGGAAC TGTATGATTT AGAGGTAGAG GGATCGGAGG ATTCTAATGA GGAAGCTGTG AATGGCTTTT
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18201	ACAGCAGCAG	AGGAAAAAAG	GAAGAGGTG	TGCGTCGACG	CTGAGTTACT	TTCAAGATGG	CCACCCCATC
18271	GATGCTGCCC	CAATGGGCAT	ACATGCACAT	CGCCGGACAG	GATGCTTCGG	AGTACCTGAG	TCCGGGTCTG
18341	GTGCAGTTTG	CCCGCGCCAC	AGACACCTAC	TTCAATCTGG	GAAATAAGTT	TAGAAATCCC	ACCGTAGCGC
18411	CGACCCACGA	TGTGACCACC	GACCGTAGCC	AGCGGCTCAT	GTTGCGCTTC	GTGCCCGTTG	ACCGGGAGGA
18481	CAATACATAC	TCTTACAAAG	TGCGGTACAC	CCTGGCCGTC	GGCGACAACA	GAGTGCTGGA	TATGGCCAGC
18551	ACGTTCTTTG	ACATTAGGGG	CGTGTTGGAC	AGAGGTCCCA	GTTTCAAACC	CTATTCTGGT	ACGGCTTACA
18621	ACTCTCTGGC	TCCTAAAGGC	GCTCCAAATG	CATCTCAATG	GATTGCAAAA	GGCGTACCAA	CTGCAGCAGC
18691	CGCAGGCAAT	GGTGAAGAAG	AACATGAAAC	AGAGGAGAAA	ACTGCTACTT	ACACTTTTGC	CAATGCTCCT
18761	GTAAAAGCCG	AGGCTCAAAT	TACAAAAGAG	GGCTTACCAA	TAGGTTTGGA	GATTTTCAGCT	GAAAACGAAT
18831	CTAAACCCAT	CTATGCAGAT	AAACTTTATC	AGCCAGAACC	TCAAGTGGGA	GATGAAACTT	GGACTGACCT
18901	AGACGGAAAA	ACCGAAGAGT	ATGGAGGCAG	GGCTCTAAAG	CCTACTACTA	ACATGAAACC	CTGTTACGGG
18971	TCCTATGCGA	AGCCTACTAA	TTTAAAAGGT	GGTCAGGCAA	AACCGAAAAA	CTCGGAACCG	TCGAGTGAAA
19041	AAATTGAATA	TGATATTGAC	ATGGAATTTT	TTGATAACTC	ATCGCAAAGA	ACAAACTTCA	GTCCTAAAAT
19111	TGTCATGTAT	GCAGAAAATG	TAGGTTTGGA	AACGCCAGAC	ACTCATGTAG	TGTACAAACC	TGGAACAGAA
19181	GACACAAGTT	CCGAAGCTAA	TTTGGGACAA	CAGTCTATGC	CCAACAGACC	CAACTACATT	GGCTTCAGAG
19251	ATAACTTTAT	TGGACTCATG	TACTATAACA	GTACTGGTAA	CATGGGGGTG	CTGGCTGGTC	AAGCGTCTCA
19321	GTAAATGCA	GTGGTTGACT	TGCAGGACAG	AAACACAGAA	CTTTCTTACC	AACTCTTGCT	TBACTCTCTG
19391	GGCGACAGAA	CCAGATACTT	TAGCATGTGG	AATCAGGCTG	TGGACAGTTA	TGATCCTGAT	GTACGTGTTA
19461	TTGAAAATCA	TGGTGTGGAA	GATGAACT				

[illegible]

20161	GAATGACACC	AATGATCAGT	CATTCAACGA	CTACCTATCT	GCAGCTAACA	TGCTCTACCC	CATTCTTGCC
20231	AATGCAACCA	ATATTCCCAT	TTCCATTECT	TCTCGCAACT	GGGCGGCTTT	CAGAGGCTGG	TCATTTACCA
20301	GA CTGAAAAC	CAAAGAAACT	CCCTCTTTGG	GGTCTGGATT	TGACCCCTAC	TTTGTCTATT	CTGGTTCTAT
20371	TCCCTACCTG	GATGGTACCT	TCTACCTGAA	CCACACTTTT	AAGAAGGTTT	CCATCATGTT	TGACTCTTCA
20441	GTGAGCTGGC	CTGGAAATGA	CAGGTTACTA	TCTCCTAACG	AATTTGAAAT	AAAGCGCACT	GTGGATGGCG
20511	AAGGCTACAA	CGTAGCCCAA	TGCAACATGA	CCAAAGACTG	GTTCTTG GTA	CAGATGCTCG	CCAACTACAA
20581	CATCGGCTAT	CAGGGCTTCT	ACATTCCAGA	AGGATACAAA	GATCGCATGT	ATTCATTTTT	CAGAAACTTC
20651	CAGCCCATGA	GCAGGCAGGT	GGTTGATGAG	GTCAATTACA	AAGACTTCAA	GGCCGTCGCC	ATACCCTACC
20721	AACACAACAA	CTCTGGCTTT	GTGGGTACA	TGGCTCCGAC	CATGCGCCAA	GGTCAACCTT	ATCCCGCTAA
20791	CTATCCCTAT	CCACTCATTG	GAACAAC TGC	CGTAAATAGT	GTTACGCAGA	AAAAGTTCTT	GTGTGACAGA
20861	ACCATGTGGC	GCATACCGTT	CTCGAGCAAC	TTCATGTCTA	TGGGGGCCCT	TACAGACTTG	GGACAGAATA
20931	TGCTCTATGC	CAACTCAGCT	CATGCTCTGG	ACATGACCTT	TGAGGTGGAT	CCCATGGATG	AGCCCACTT
21001	GCTTTATCTT	CTCTTCGAAG	TTTTTCGACG	GGTCAGAGTG	CATCAGCCAC	ACCGCGGCAT	CATCGAGGCA
21071	GTCTACCTGC	GTACACCGTT	CTCGGCCGGT	AACGCTACCA	CGTAAGAAGC	TTCTTGCTTC	TTGCAAATAG
21141	CAGCTGCAAC	CATGGCCTGC	GGATCCCAAA	ACGGCTCCAG	CGAGCAAGAG	CTCAGAGCCA	TTGTCCAAGA
21211	CCTGGGTTGC	GGACCCTATT	TTTTGGGAAC	CTACGATAAG	CGCTTCCCGG	GGTTCATGGC	CCCCGATAAG
21281	CTCGCCTGTG	CCATTGTAAA	TACGGCCGGA	CGTGAGACGG	GGGGAGAGCA	CTGGTTGGCT	TTGGTTGGA
21351	ACCCACGTTT	TAACACCTGC	TACCTTTTTG	ATCCTTTTTG	ATTCTCGGAT	GATCGTCTCA	AACAGATTTA
21421	CCAGTTTGAA	TATGAGGGTC	TCCTGCGCCG	CAGCGCTCTT	GCTACCAAGG	ACCGCTGTAT	TACGCTGGAA
21491	AAATCTACCC	AGACCGTGCA	GGGCCCCCGT	TCTGCCGCCT	GCGGACTTTT	CTGCTGCATG	TTCTTTCAGG
21561	CCTTTGTGCA	CTGGCCTGAC	CGTCCCATGG	ACGGAAACCC	CACCATGAAA	TTGCTAACTG	GAGTGCCAAA
21631	CAACATGCTT	CATTCTCCTA	AAGTCCAGCC	CACCCTGTGT	GACAATCAAA	AAGCACTCTA	CCATTTTCTT
21701	AATACCCATT	CGCCTTATTT	TCGCTCTCAT	CGTACACACA	TCGAAAGGGC	CAC TGC GTTC	GACCGTATGG
21771	ATGTTCAATA	ATGACTCATG	TAAACAACGT	GTTCAATAAA	CATCACTTTA	TTTTTTTACA	TGTATCAAGG
21841	CTCTGGATTA	CTTATTTATT	TACAAGTCGA	ATGGGTTCTG	ACGAGAATCA	GAATGACCCG	CAGGCAGTGA
21911	TACGTTGCGG	AACTGATACT	TGGGTTGCCA	CTTGAATTCT	GGAATCACCA	ACTTGGGAAC	CGGTATATCG
21981	GGCAGGATGT	CACTCCACAG	CTTTCTGGTC	AGCTGCAAA	CTCCAAGCAG	GTCAGGAGCC	GAAATCTTGA
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22121	CAGCGACGGA	TGTCTCACGC	TTGCCAGCAC	GGTGGGATCT	GCAATCATGC	CCACATCCAG	ATCTTCAGCA
22191	TTGGCAATGC	TGAACGGGGT	CATCTTG CAG	GTCTGCCTAC	CCATGGCGGG	CACCCAATTA	GGCTTGTGGT
22261	TGCAATCGCA	GTGCAGGGGG	ATCAGTATCA	TCTTGGCCTG	ATCCTGTCTG	ATTCCTGGAT	ACACGGCTCT
22331	CATGAAAGCA	TCATATTGCT	TGAAAGCCTG	CTGGGCTTTA	CTACCCCTCG	TATAAAACAT	CCCGCAGGAC
22401	CTGCTCGAAA	ACTGGTTAGC	TGCACAGCCG	GCATCATTCA	CACAGCAGCG	GGCGTCATTG	TTGGCTATTT
22471	GCACCACACT	TCTGCCCCAG	CGGTTTTGGG	TGATTTTGGT	TCGCTCGGGA	TTCTCCTTTA	AGGCTCGTTG
22541	TCCGTTCTCG	CTGGCCACAT	CCATCTCGAT	AATCTGCTCC	TTCTGAATCA	TAATATTGCC	ATGCAGGCAC
22611	TTCAGCTTGC	CCTCATAATC	ATTGCAGCCA	TGAGGCCACA	ACGCACAGCC	TGTACATTCC	CAATTATGGT
22681	GGGCGATCTG	AGAAAAAGAA	TGTATCATTC	CCTGCAGAAA	TCTTCCCATC	ATCGTGCTCA	GTGTCTTGTG
22751	ACTAGTGAAA	GTAACTGGA	TGCCTCGGTG	CTCTTCGTTT	ACGTACTGGT	GACAGATGCG	CTTGTATTGT
22821	TCGTGTTGCT	CAGGCATTAG	TTTAAACAG	GTTCTAAGTT	CGTTATCCAG	CCTGTACTTC	TCCATCAGCA
22891	GACACATCAC	TTCCATGCCT	TTCTCCCAAG	CAGACACCAG	GGGCAAGCTA	ATCGGATTCT	TAACAGTGCA
22961	GGCAGCAGCT	CCTTTAGCCA	GAGGGTCATC	TTTAGCGATC	TTCTCAATGC	TTCTTTTGCC	ATCCTTCTCA
23031	ACGATGCGCA	CGGGCGGGTA	GCTGAAACCC	ACTGCTACAA	GTTGCGCCTC	TTCTCTTTCT	TCTTCGCTGT
23101	CTTGACTGAT	GTCTTG CATG	GGGATATGTT	TGGTCTTCTT	TGGCTTCTTT	TTGGGGGGTA	TCGGAGGAGG
23171	ABGACTGTCT	CTCCGTTCCG	GAGACAGGGA	GGATTGTGAC	GTTTCGCTCA	CCATTACCAA	CTGACTGTCT
23241	G TAGAAGAAC	CTGACCCAC	ACGGCGACAG	GTGTTTTTCT	TCGGGGG CAG	AGGTGGAGGC	GATTGCGAAG
23311	GGCTGCGGTC	CGACCTGGAA	GGCGGATGAC	TGGCAGAACC	CCTTCCGCGT	TCGGGGGGTG	GCTCCCTGTG
23381	GCGGTCGCTT	AACTGATTTC	CTTCGCGGCT	GGCCATTGTG	TTCTCCTAGG	CAGAGAAACA	ACAGACATGG
23451	AAACTCAGCC	ATTGCTGTCA	ACATCGCCAC	GAGTGCCATC	ACATCTCGTC	CTCAGCGACG	AGGAAAAGGA
23521	GC						

24221 GGCATGGATG AGCATCACAG CGTTCTGGTG GAATTGGAAG GCGATAATGC CAGACTCGCA GTACTCAAGC
24291 GAAGCGTCGA GGTACACAC TTCGCATATC CCGCTGTCAA CCTGCCCCCT AAAGTCATGA CCGCGGTCAT
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24431 GGTAACCAG TGGTCAGTGA TGAGCAGCTA ACCCGATGGC TGGGCACCGA CTCTCCCCGG GATTGGAAG
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25901 ACGCTTCCCG AACCCAACCA GCGCTTCCAA GACCGGTAAG AAGGATCGGC AGGGATACAA GTCTTGGCGG
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27861 ACTAGTCTTG CTTGTTTTAC TTTGCTTTT GGAACCGGGT TCTGCCAATT ACGATCCATG TCTAGACTTT
27931 GACCCAGAAA ACTGCACACT TACTTTTGCA CCCGACACAA GCCGCATCTG TGGAGTTCTT ATTAAGTGCG
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32201 CACAGTTTCC TGAAGCATGA TTTAATAGC CCTTAACATC AACTTTCTGG TCGATGCGC GCAGCAACGC
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32481	ACAATCTGTC	TGTACCATGG	ACAACGTTGG	TTAATCATGC	AACCCAATAT	AACCTTCCGG	AACCACACTG
32551	CCAACACCGC	TCCCCCAGCC	ATGCATTGAA	GTGAACCTG	CTGATTACAA	TGACAATGAA	GAACCCAATT
32621	CTCTCGACCG	TGAATCACTT	GAGAATGAAA	AATATCTATA	GTGGCACAAC	ATAGACATAA	ATGCATGCAT
32691	CTTCTCATAA	TTTTTAACTC	CTCAGGATTT	AGAAACATAT	CCCAGGGAAT	AGGAAGCTCT	TGCAGAACAG
32761	TAAAGCTGGC	AGAACAAGGA	AGACCACGAA	CACAACCTAC	ACTATGCATA	GTCATAGTAT	CACAATCTGG
32831	CAACAGCGGG	TGGTCTTCAG	TCATAGAAGC	TCGGGTTTCA	TTTTCTCTAC	AACGTGGTAA	CTGGGCTCTG
32901	GTGTAAGGGT	GATGTCTGGC	GCATGATGTC	GAGCGTGCGC	GCAACCTTGT	CATAATGGAG	TTGCTTCTCTG
32971	ACATTCTCGT	ATTTTGTATA	GCAAAACGCG	GCCCTGGCAG	AACACACTCT	TCTTCGCCTT	CTATCCTGCC
33041	GCTTAGCGTG	TTCCGTGTGA	TAGTTCAAGT	ACAGCCACAC	TCTTAAGTTG	GTCAAAAAGAA	TGCTGGCTTC
33111	AGTTGTAATC	AAAACCTCCAT	CGCATCTAAT	TGTTCTGAGG	AAATCATCCA	CGGTAGCATA	TGCAAAATCCC
33181	AACCAAGCAA	TGCAACTGGA	TTGCGTTTCA	AGCAGGAGAG	GAGAGGGAAG	AGACGGAAGA	ACCATGTTAA
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33321	TGTTGGTGAA	AAAGCACAGC	TAAATCAAAA	GAAATGCGAT	TTTCAAGGTG	CTCAACGGTG	GCTTCCAACA
33391	AAGCCTCCAC	GCGCACATCC	AAGAACA AAA	GAATACCAAA	AGAAGGAGCA	TTTTCTAACT	CCTCAATCAT
33461	CATATTACAT	TCCTGCACCA	TTCCCAGATA	ATTTTCAGCT	TTCCAGCCTT	GAATTATTCT	TGTCAGTTCT
33531	TGTGGTAAAT	CCAATCCACA	CATTACAAAC	AGGTCCCGGA	GGGCGCCCTC	CACCACCATT	CTTAAACACA
33601	CCCTCATAAT	GACAAAATAT	CTTGCTCCTG	TGTCACCTGT	AGCGAATTGA	GAATGGCAAC	ATCAATTGAC
33671	ATGCCCTTGG	CTCTAAGTTC	TTCTTTAAGT	TCTAGTTGTA	AAAACCTCTCT	CATATTATCA	CCAAACTGCT
33741	TAGCCAGAAG	CCCCCCGGGA	ACAAGAGCAG	GGGACGCTAC	AGTGCAGTAC	AAGCGCAGAC	CTCCCCAATT
33811	GGCTCCAGCA	AAAACAAGAT	TGGAATAAGC	ATATTGGGAA	CCACCAGTAA	TATCATCGAA	GTTGCTGGAA
33881	ATATAATCAG	GCAGAGTTTC	TTGTAGAAAT	TGAATAAAAG	AAAAATTTGC	CAAAAAAACA	TTCAAAACCT
33951	CTGGGATGCA	AATGCAATAG	GTTACCGCGC	TGCGCTCCAA	CATTGTTAGT	TTTGAATTAG	TCTGCAAAAA
34021	TAAAAA AAA	ACAAGCGTCA	TATCATAGTA	GCCTGACGAA	CAGGTGGATA	AATCAGTCTT	TCCATCACAA
34091	GACAAGCCAC	AGGGTCTCCA	GCTCGACCCCT	CGTAAAACCT	GTCATCGTGA	TTAAACAACA	GCACCGAAAG
34161	TTCTCTCGCG	TGACCAGCAT	GAATAAGTCT	TGATGAAGCA	TACAATCCAG	ACATGTTAGC	ATCAGTTAAG
34231	GAGAAAAAAC	AGCCAACATA	GCCTTTGGGT	ATAATTATGC	TTAATCGTAA	GTATAGCAAA	GCCACCCCTC
34301	GCGGATACAA	AGTAAAAGGC	ACAGGAGAAT	AAAAAATATA	ATTATTTCTC	TGCTGCTGTT	TAGGCAACGT
34371	CGCCCCCGGT	CCCTCTAAAT	ACACATACAA	AGCCTCATCA	GCCATGGCTT	ACCAGAGAAA	GTACAGCGGG
34441	CACACAAACC	ACAAGCTCTA	AAGTCACTCT	CCAACCTSTC	CACAATATAT	ATACACAAGC	CCTAAACTGA
34511	CGTAATGGGA	CTAAAGTGTA	AAAAATCCCG	CCAAACCCAA	CACACACCCC	GAAACTGCGT	CACCAGGGAA
34581	AAGTACAGTT	TCACTTCCGC	AATCCCAACA	AGCGTCACTT	CCTCTTTCTC	ACGGTACGTC	ACATCCCATT
34651	AACTTACAAC	GTCATTTTCC	CACGGCCGCG	CCGCCCTTTT	TAACCGTTAA	CCCCACAGCC	AATCACCACA
34721	CGGCCACAC	TTTTTAAAT	CACCTCATTT	ACATATTGGC	ACCATTCAT	CTATAAGGTA	TATTATTGAT
34791	GATG						

10002750-111503

Figure 6

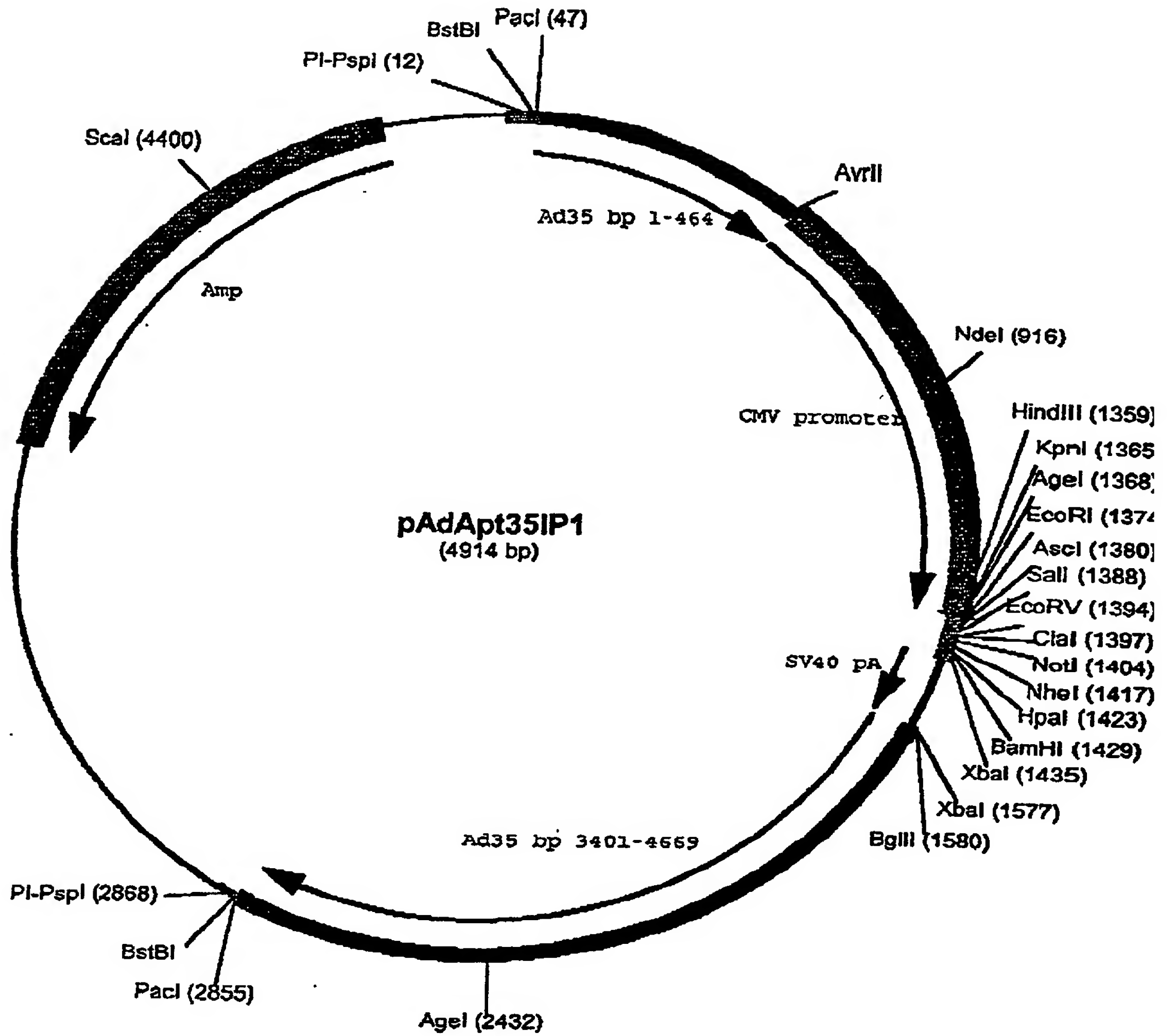


FIG. 7: Construction of cosmid vector pWE.Ad35.pIX-rITR

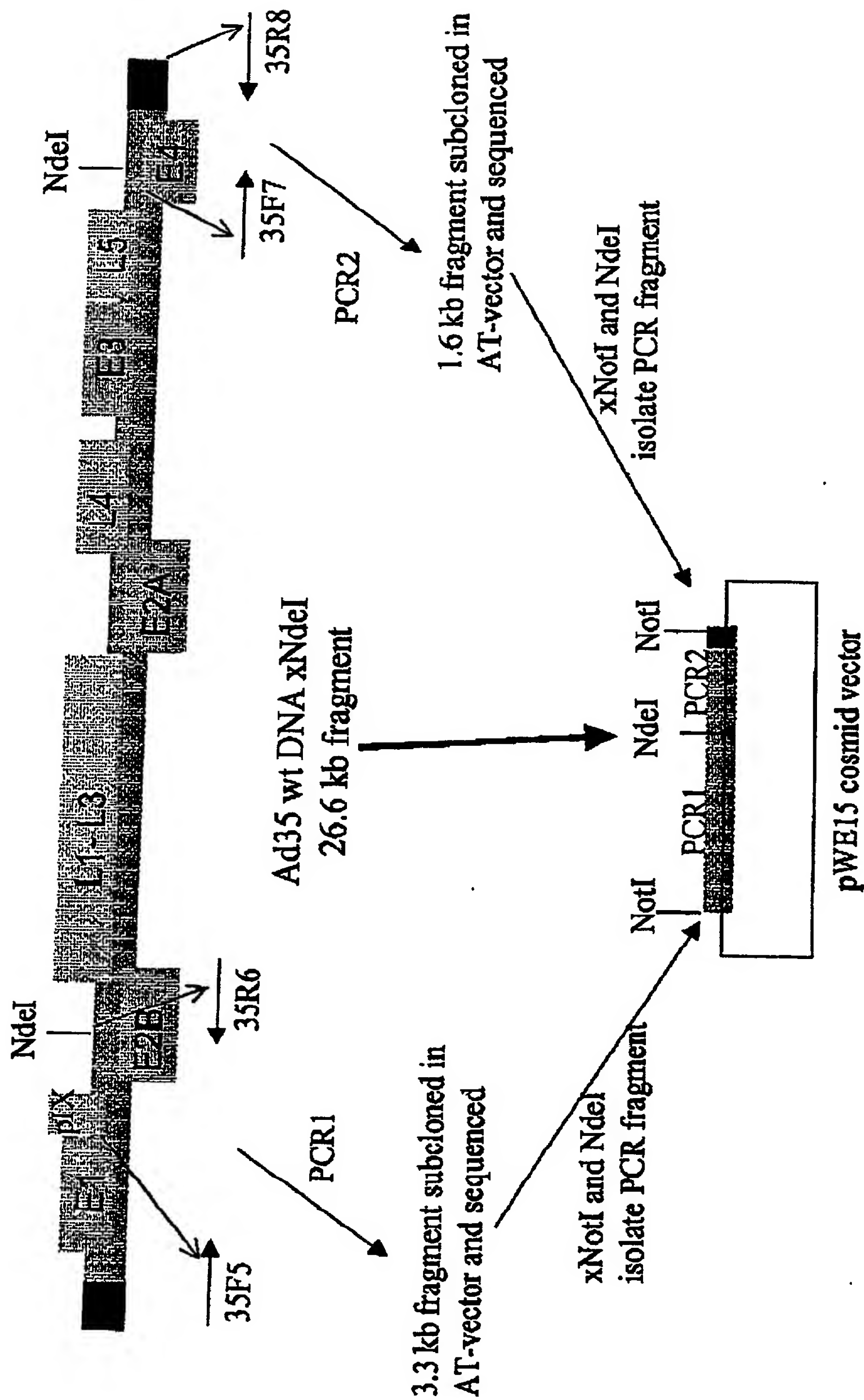


Figure 8

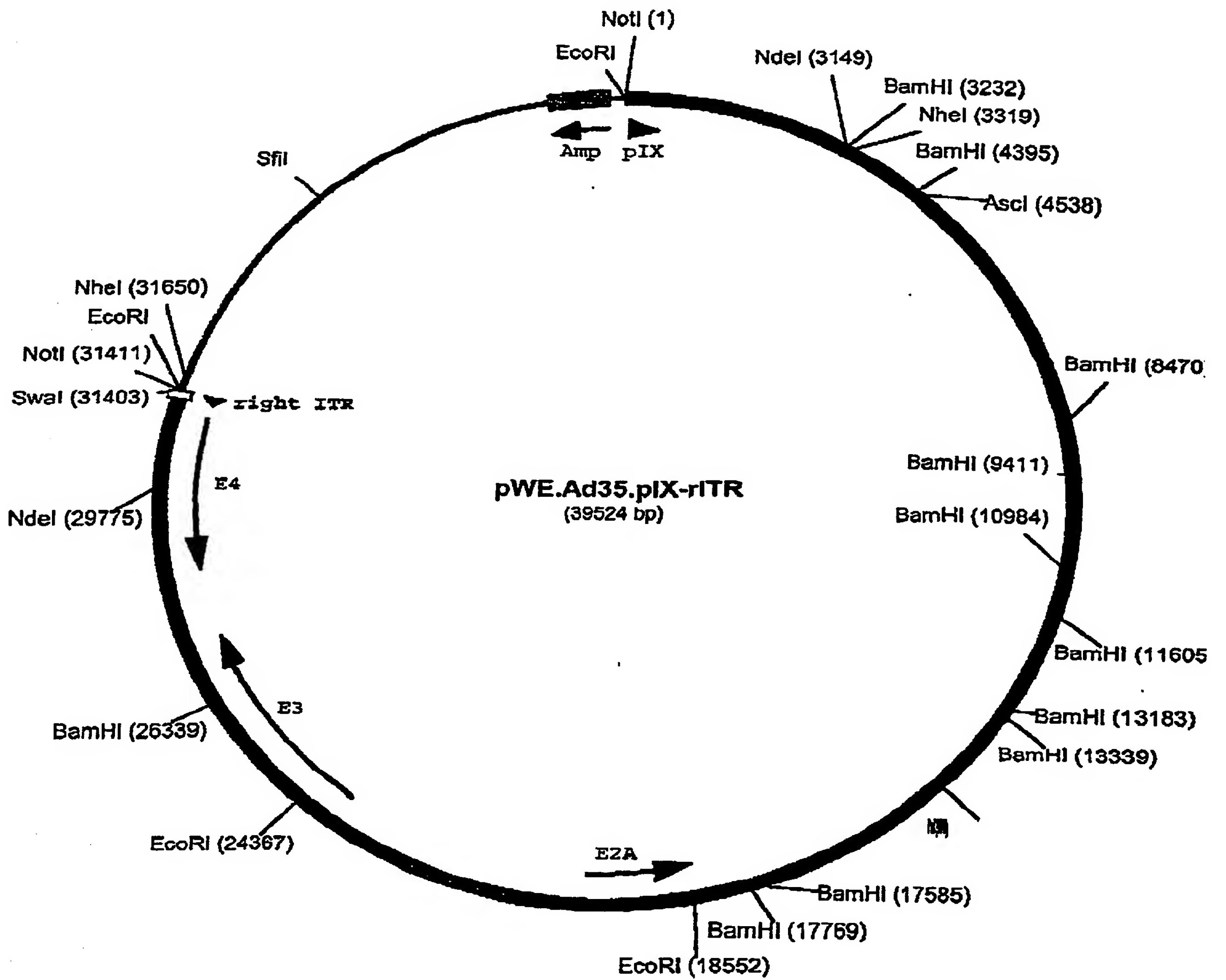
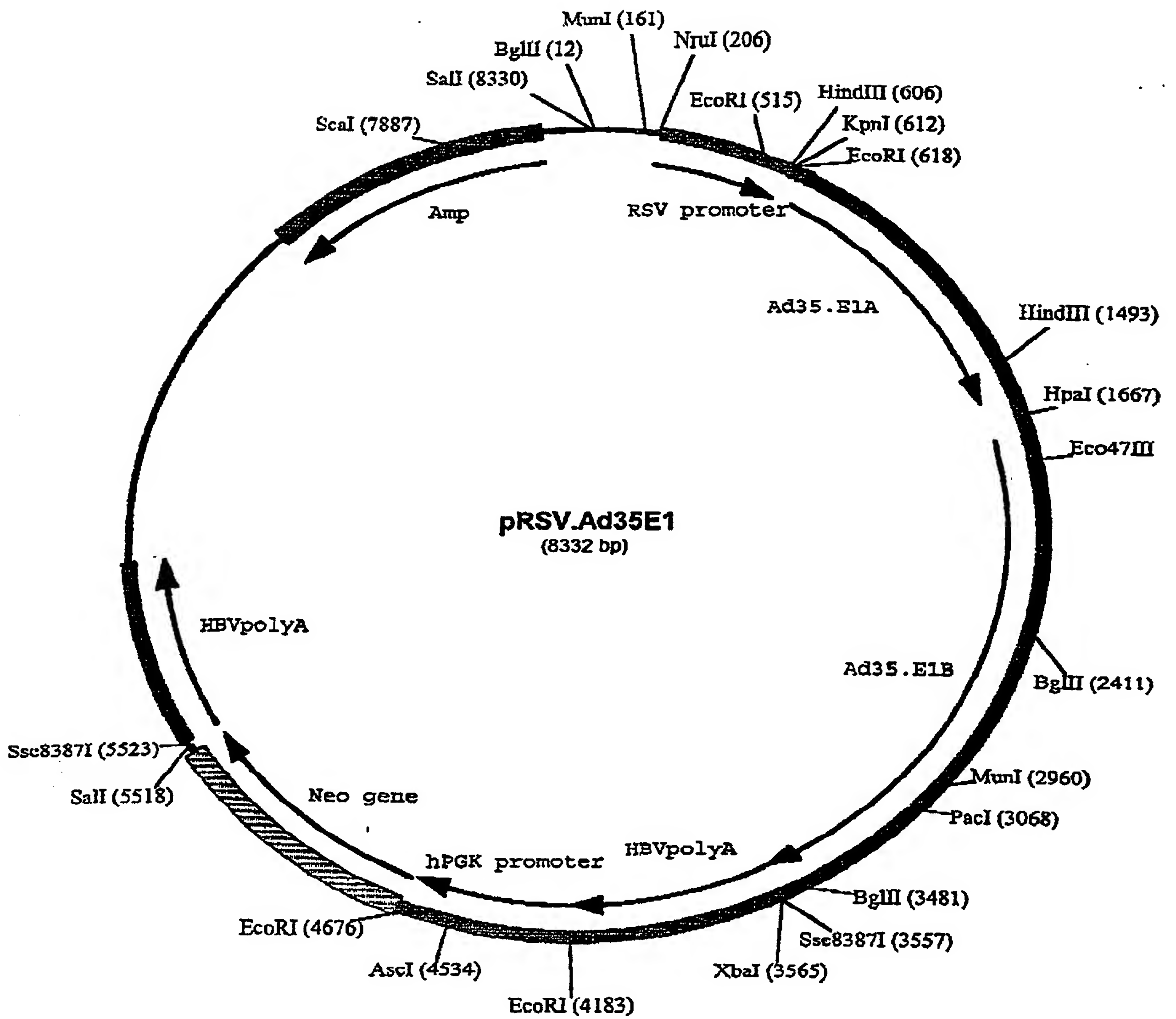


Figure 9



1000390-11501

Figure 10

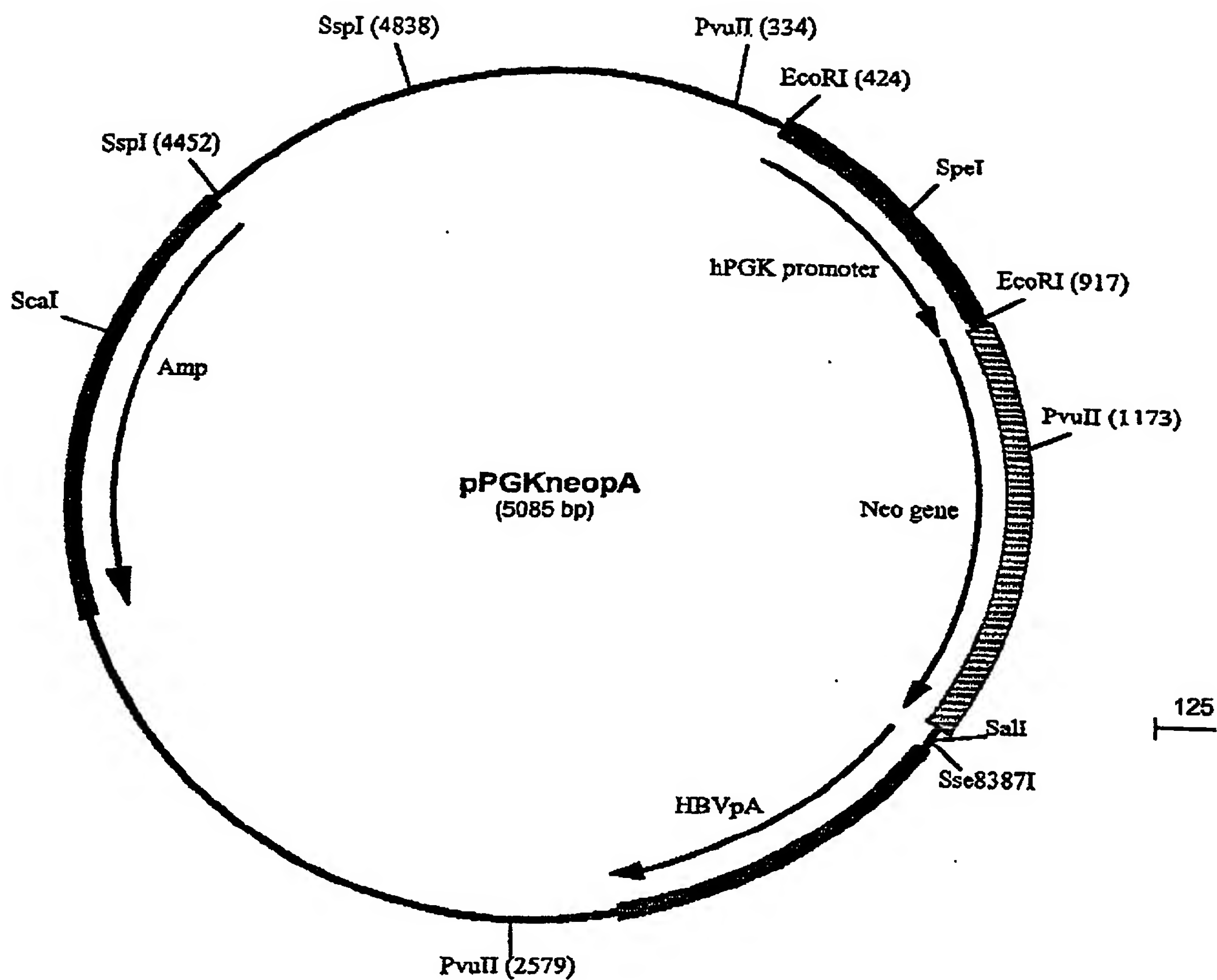


Figure 11

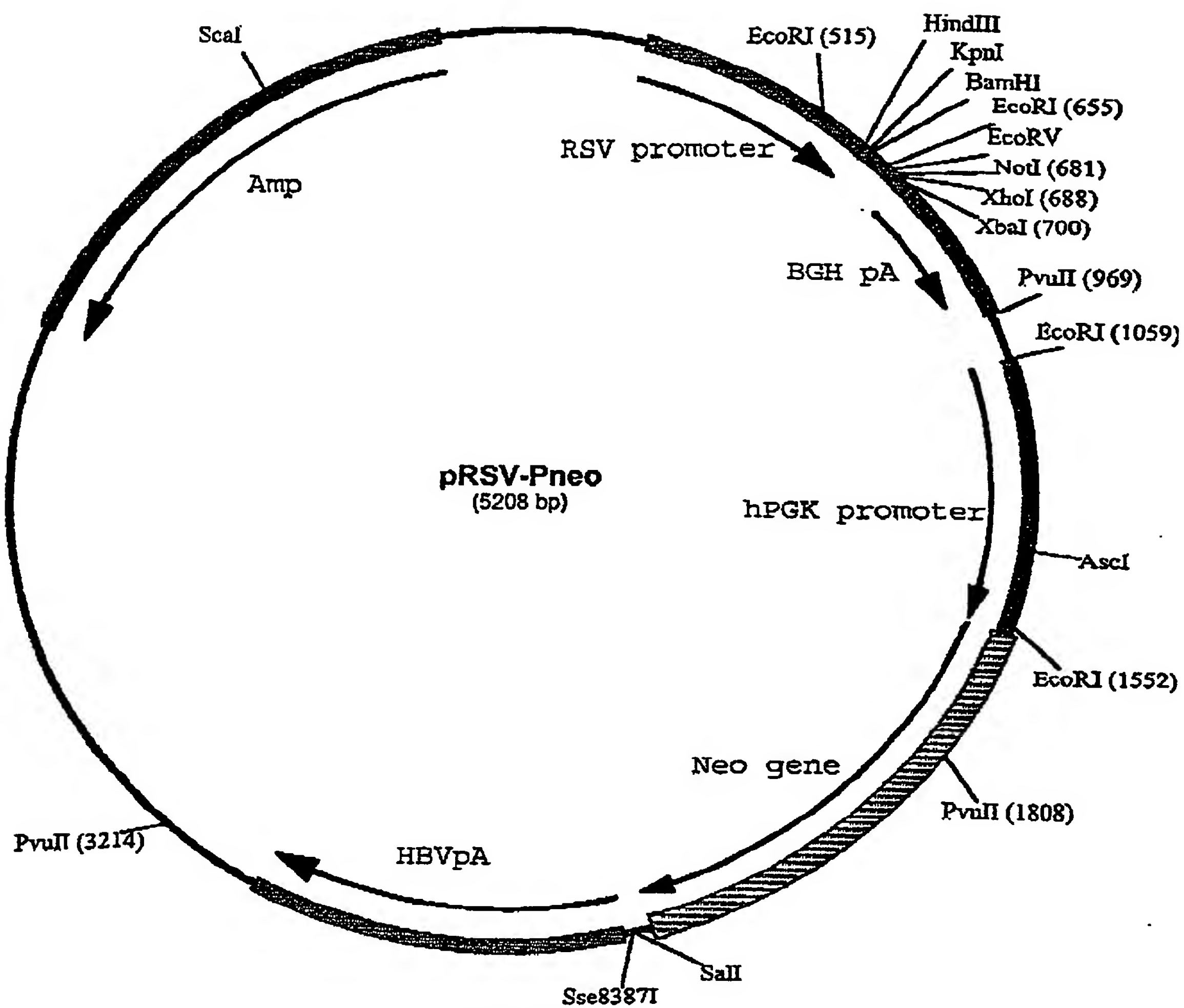


Figure 12

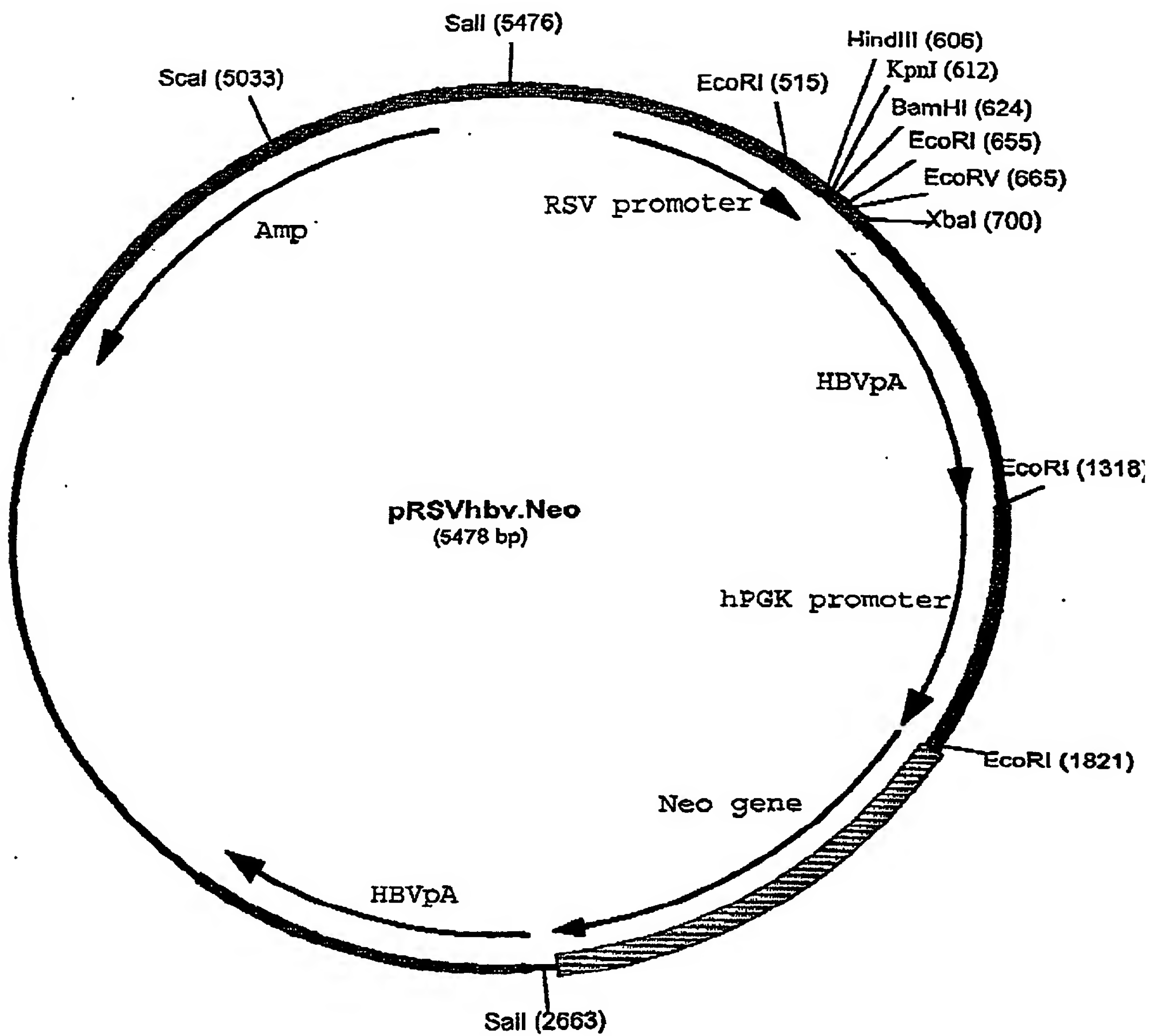
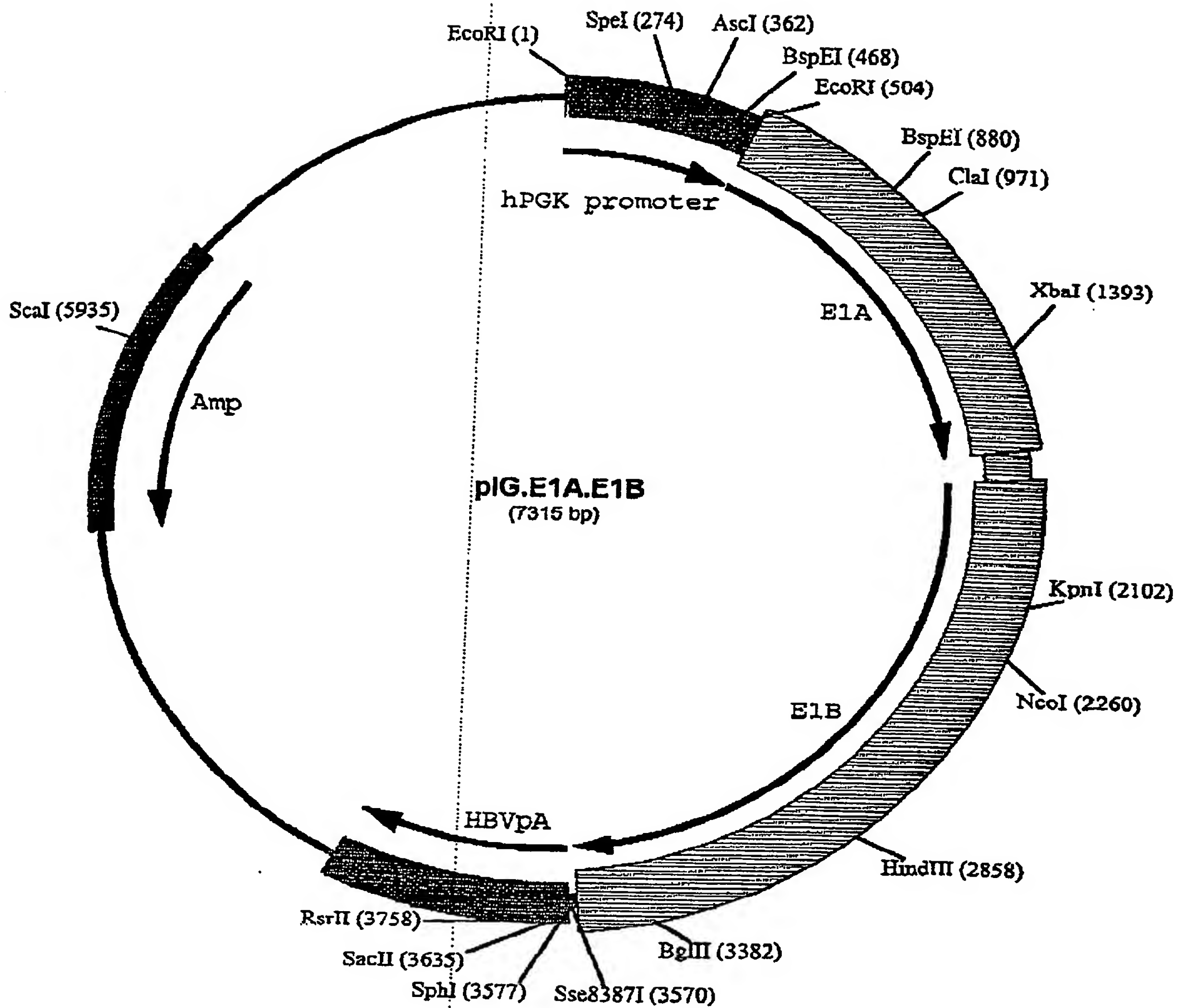
[illegible]

Figure 13



1000950-11901

Figure 14

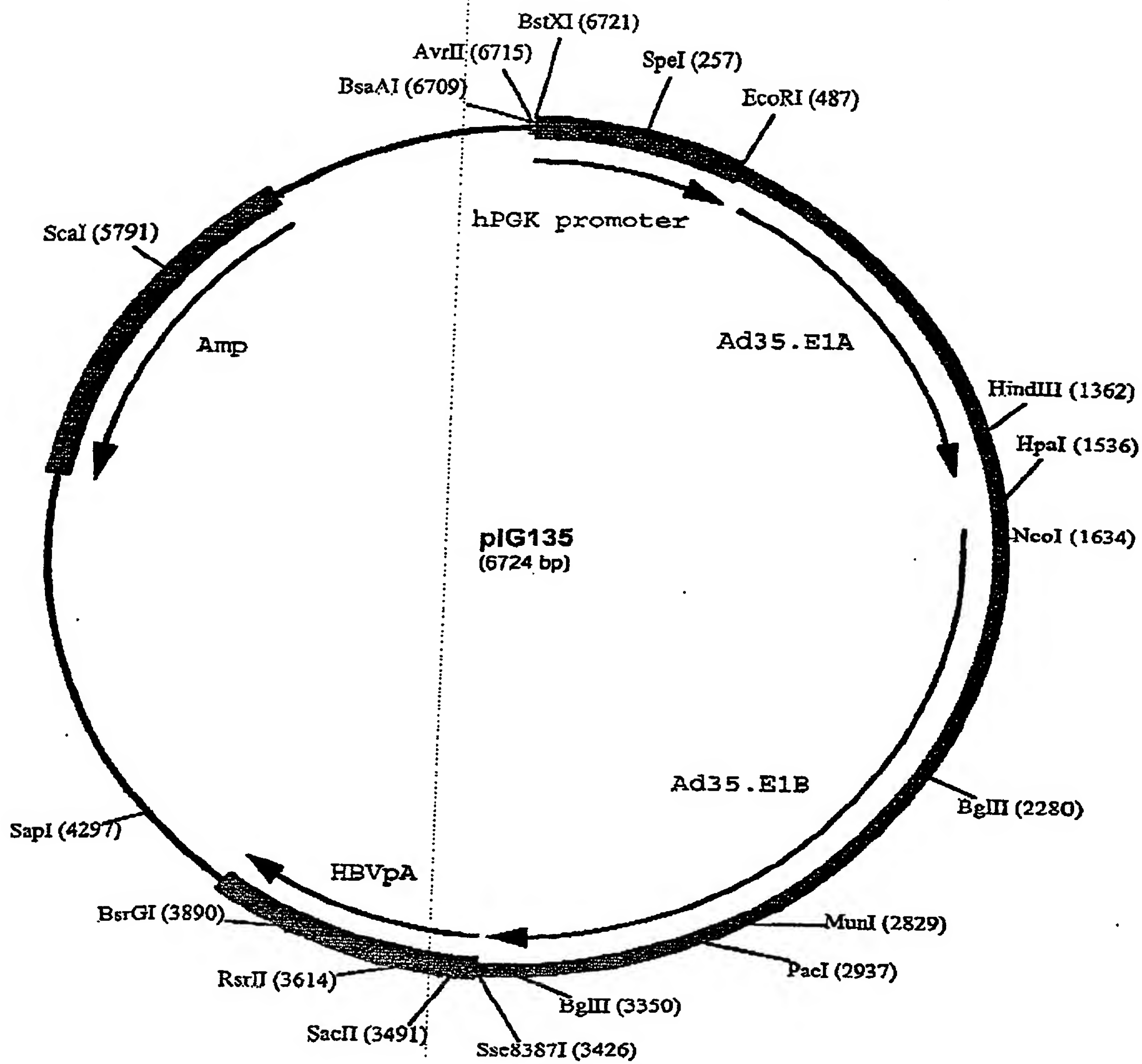


Figure 15

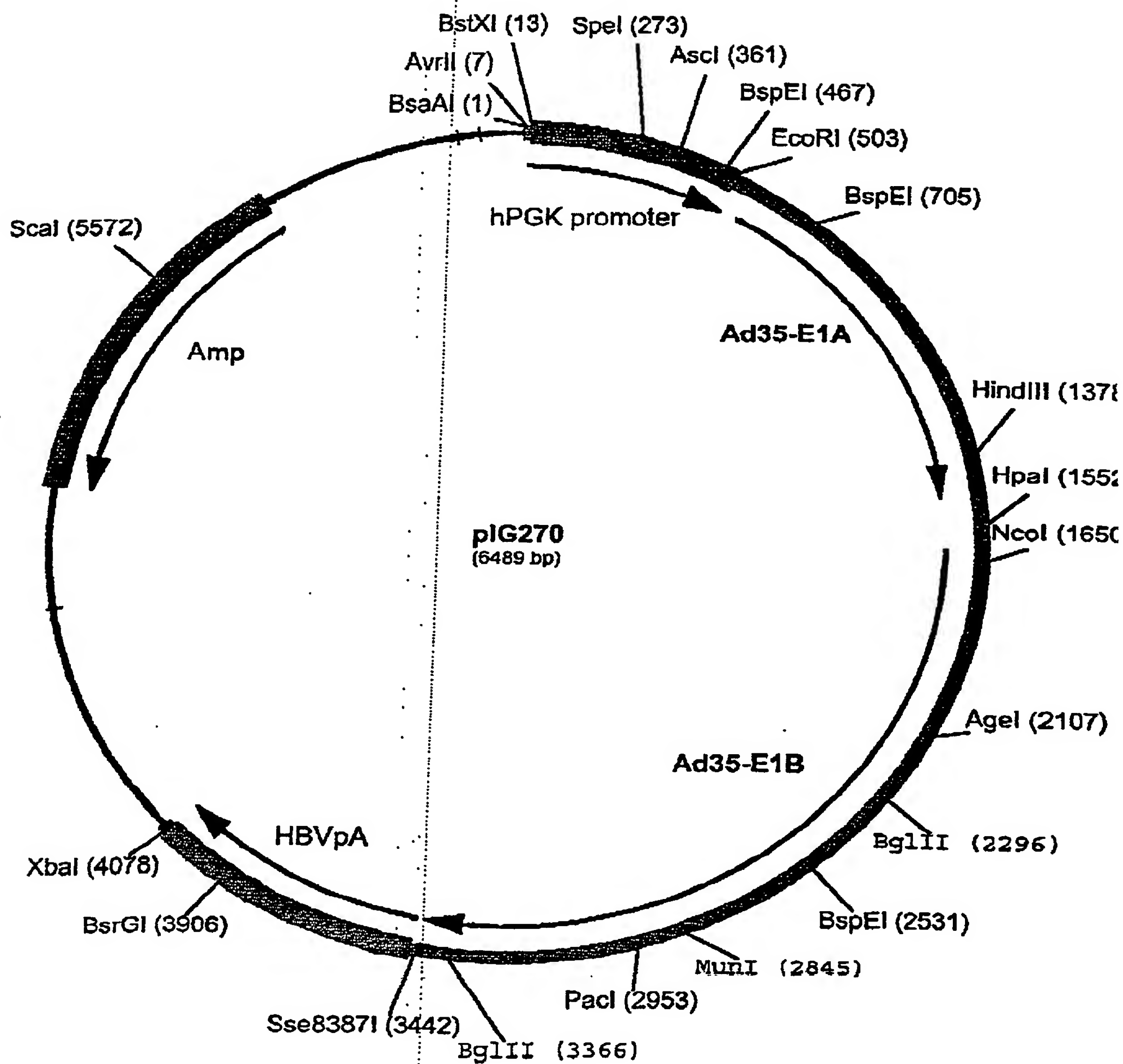


Figure 16

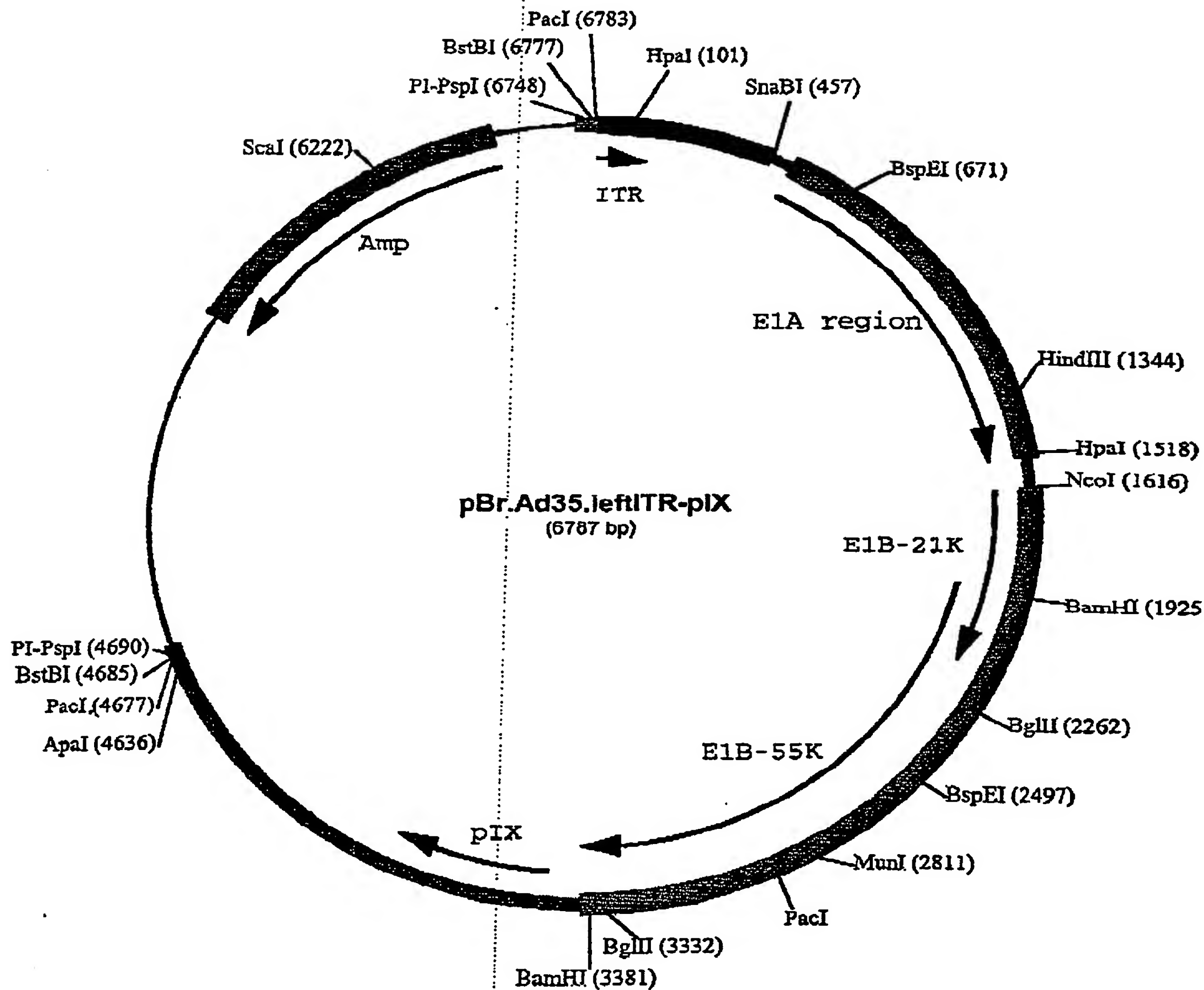


Figure 17

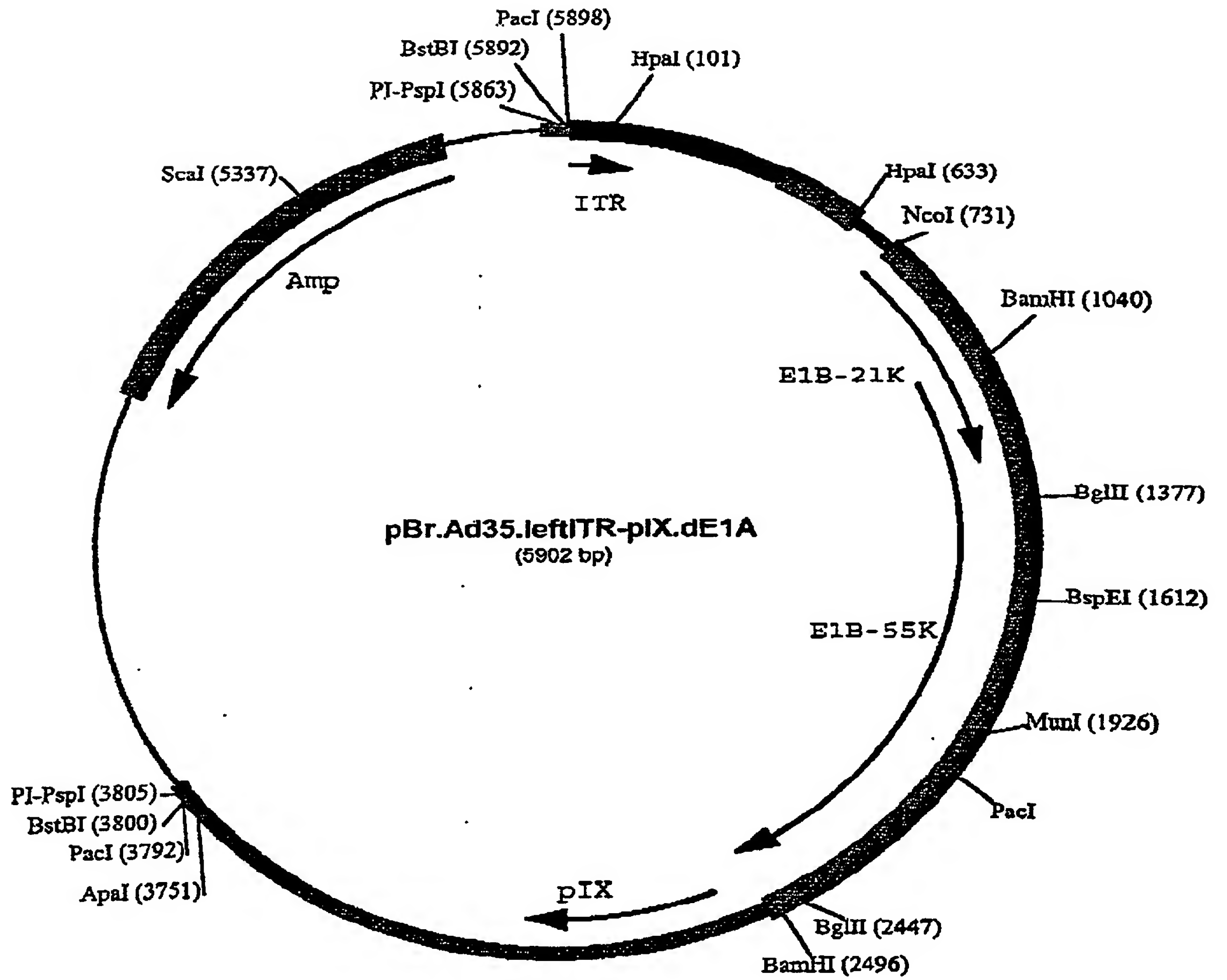


Figure 18

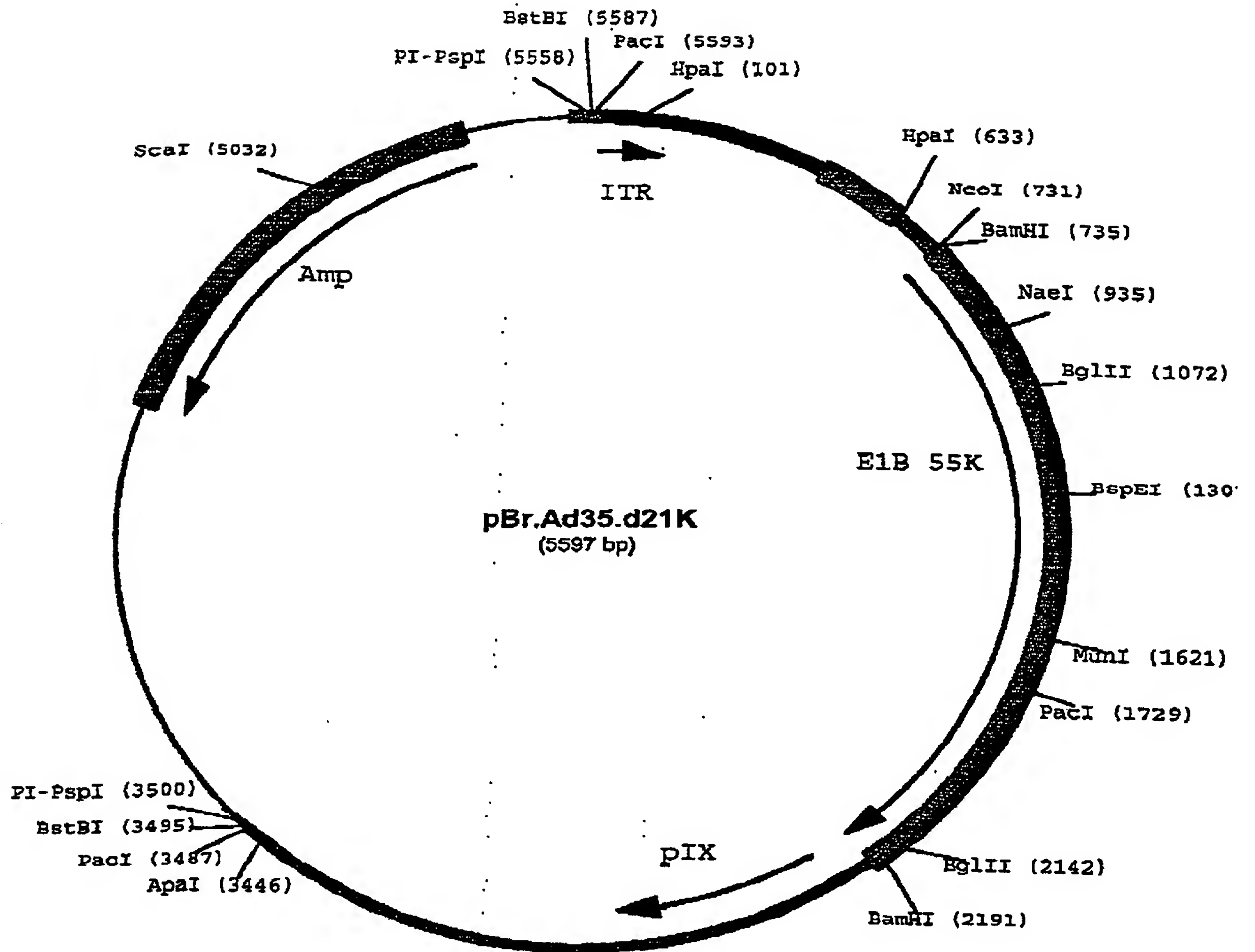


Figure 19

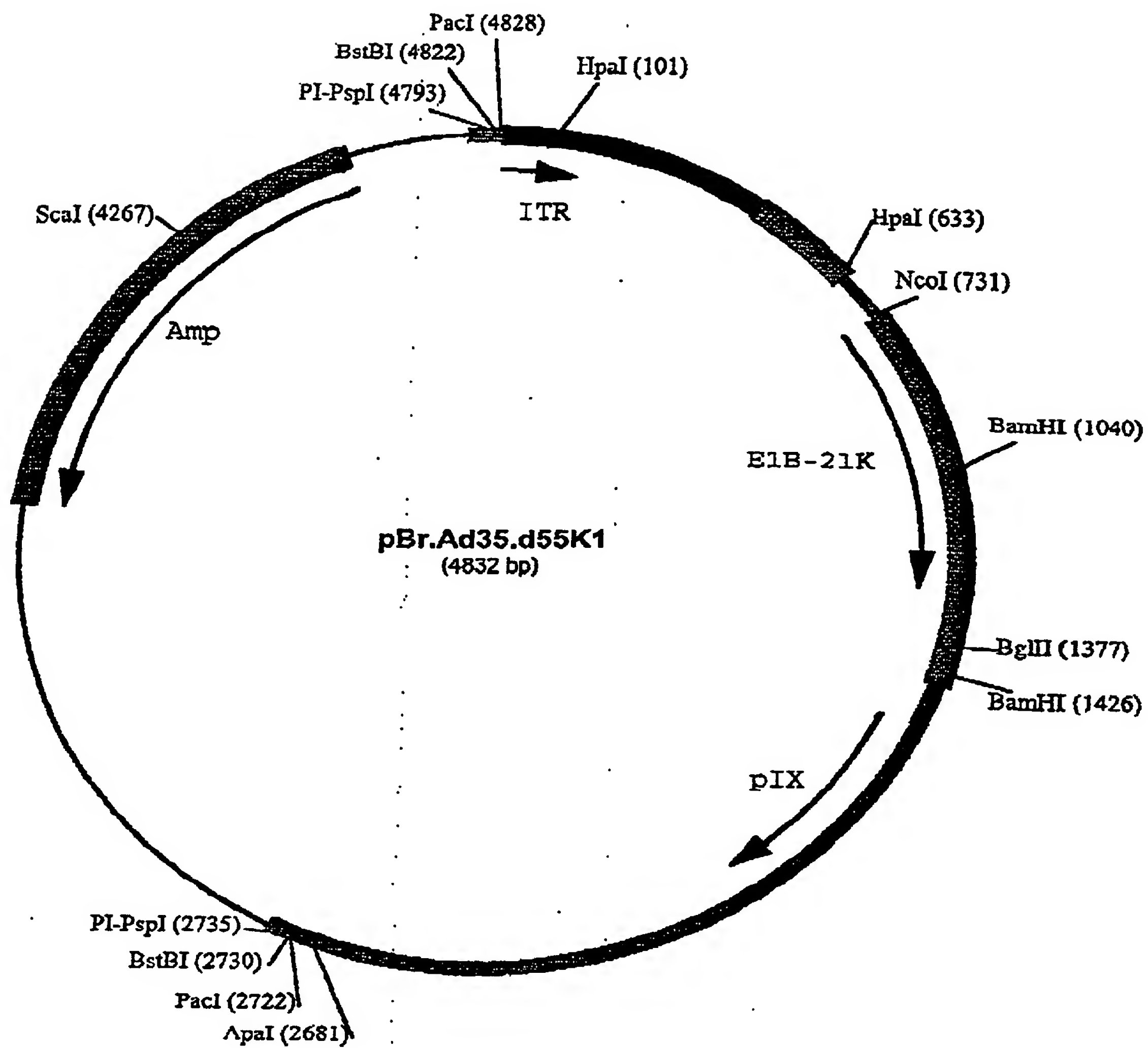


Figure 20

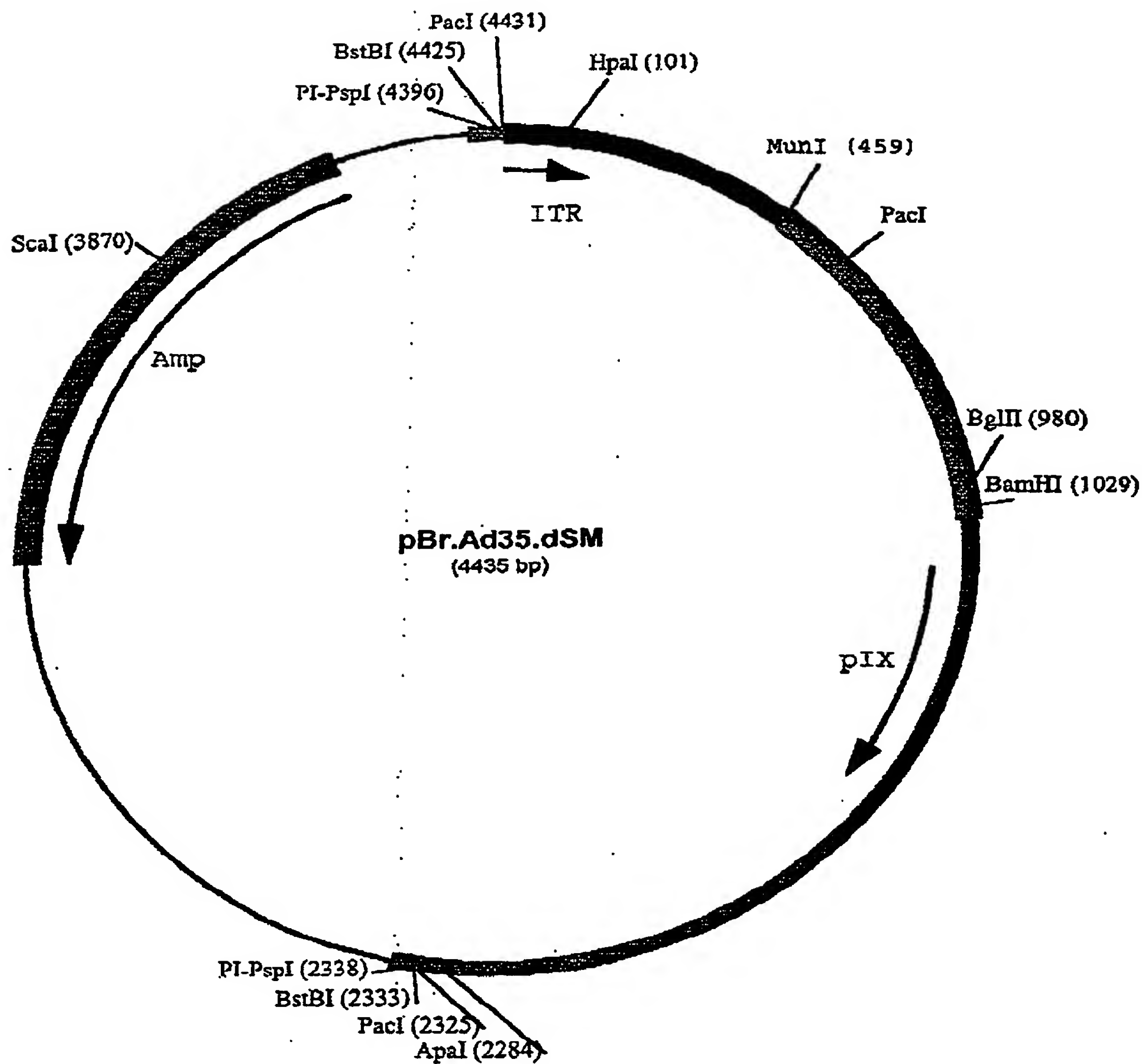


Figure 21

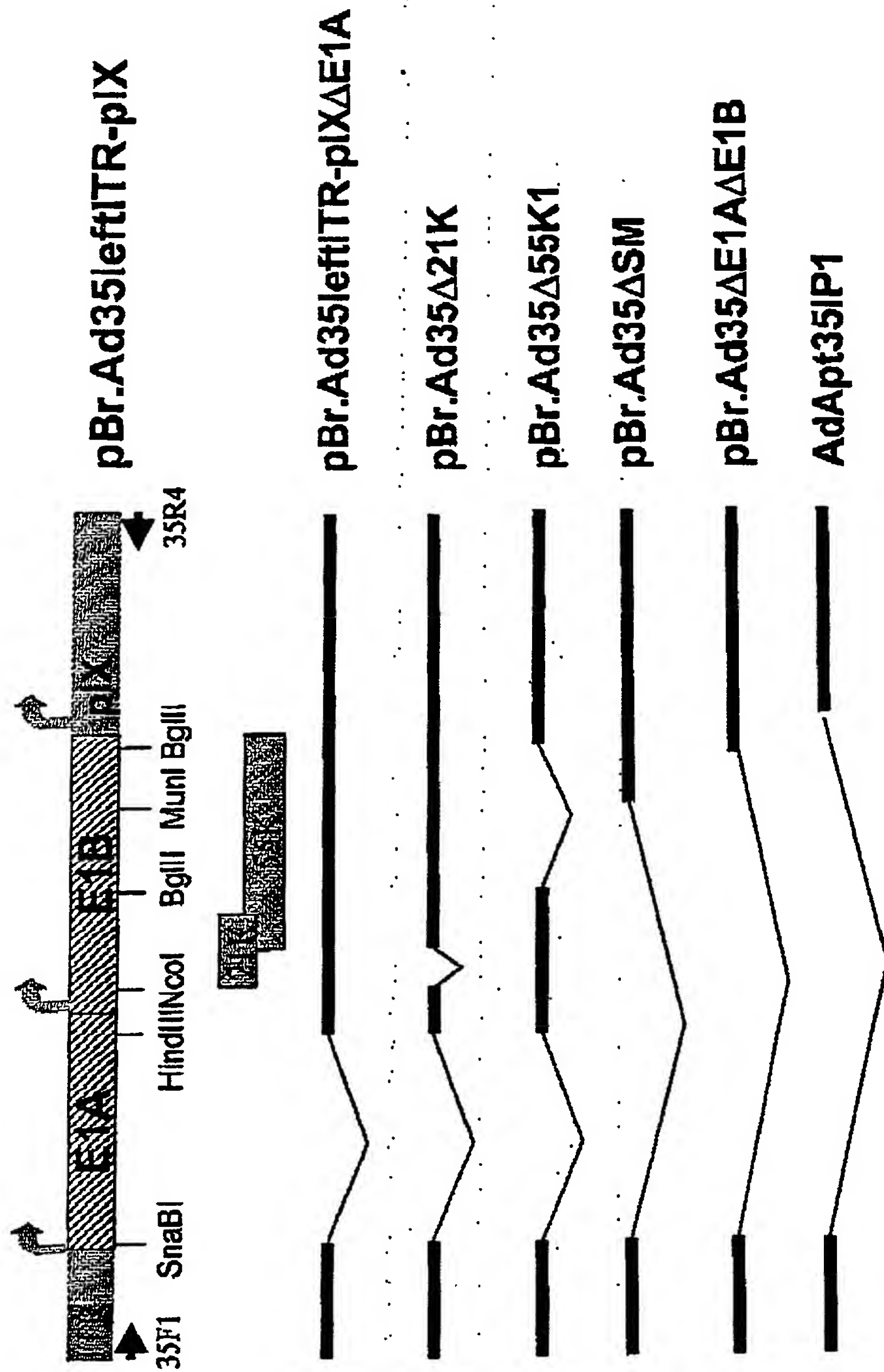


Figure 22

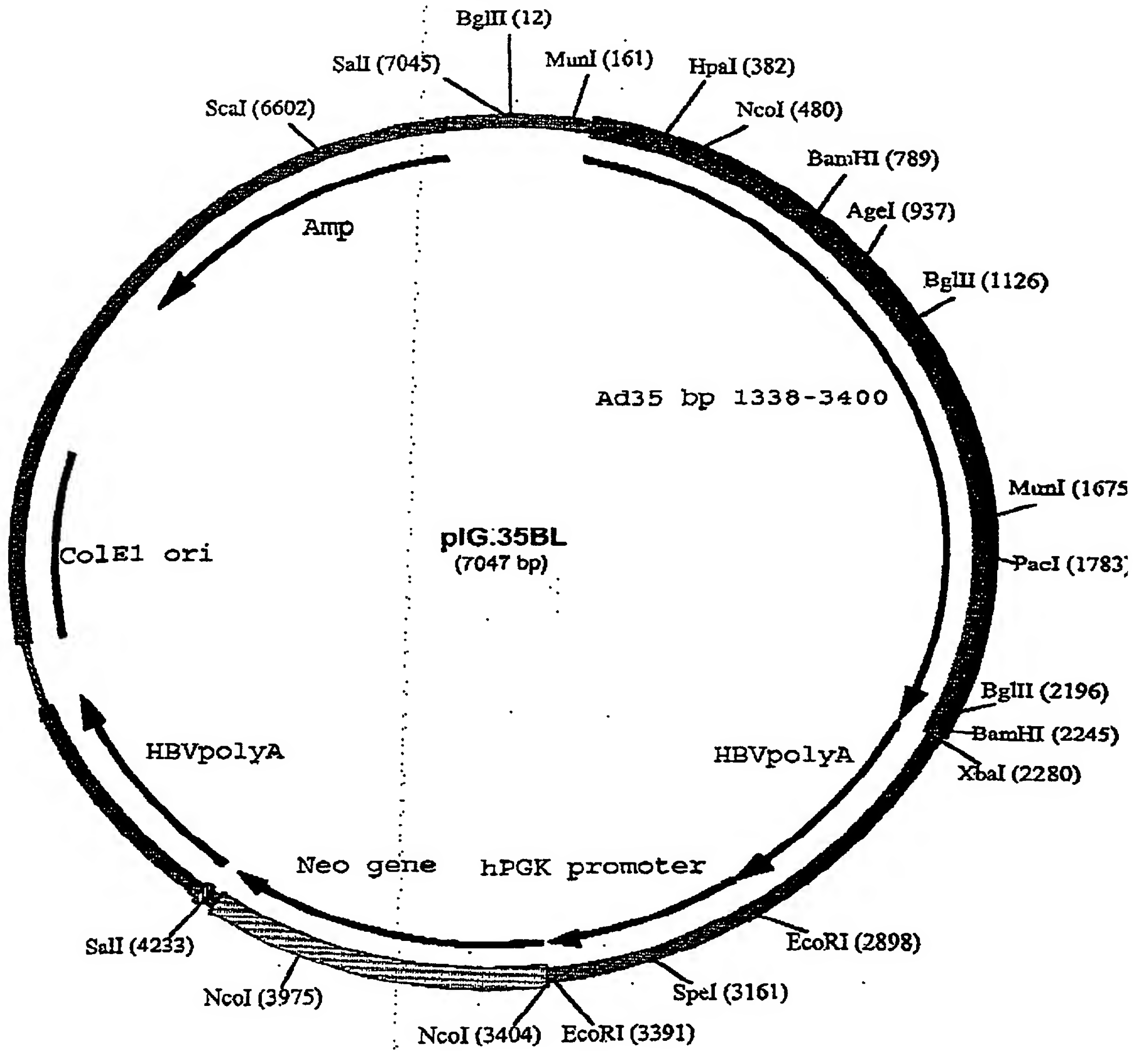


Figure 23

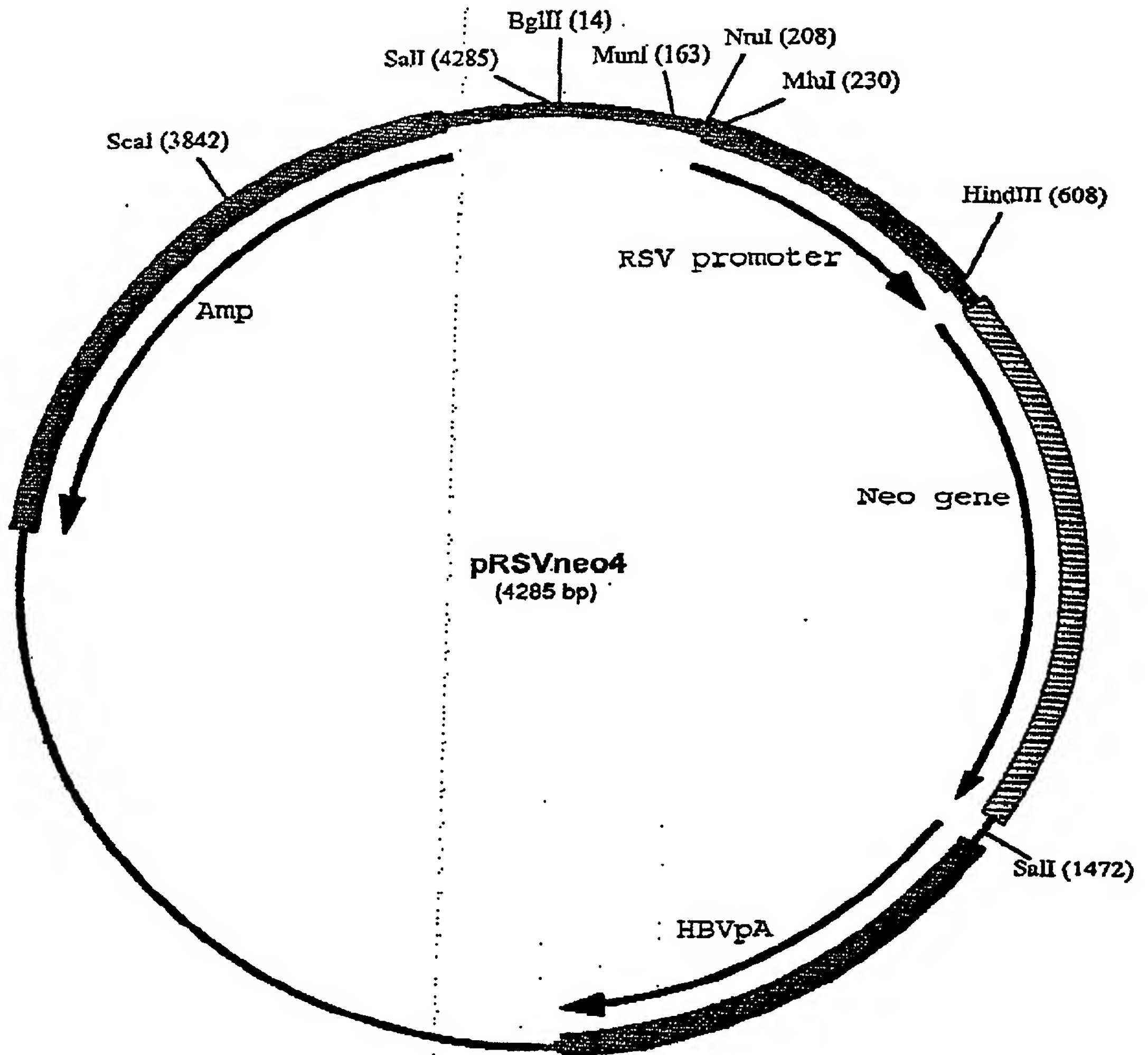


Figure 24

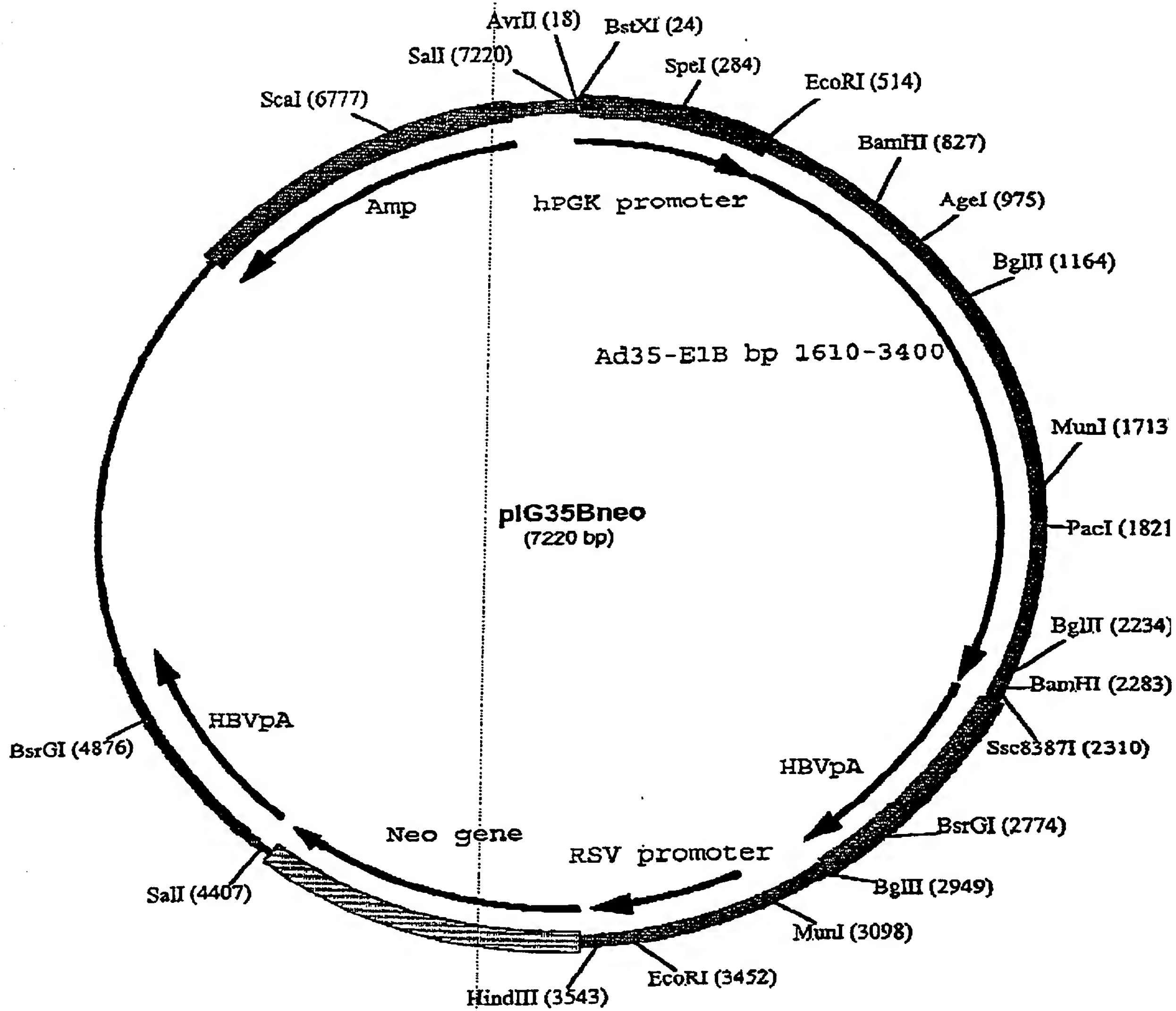


Figure 25

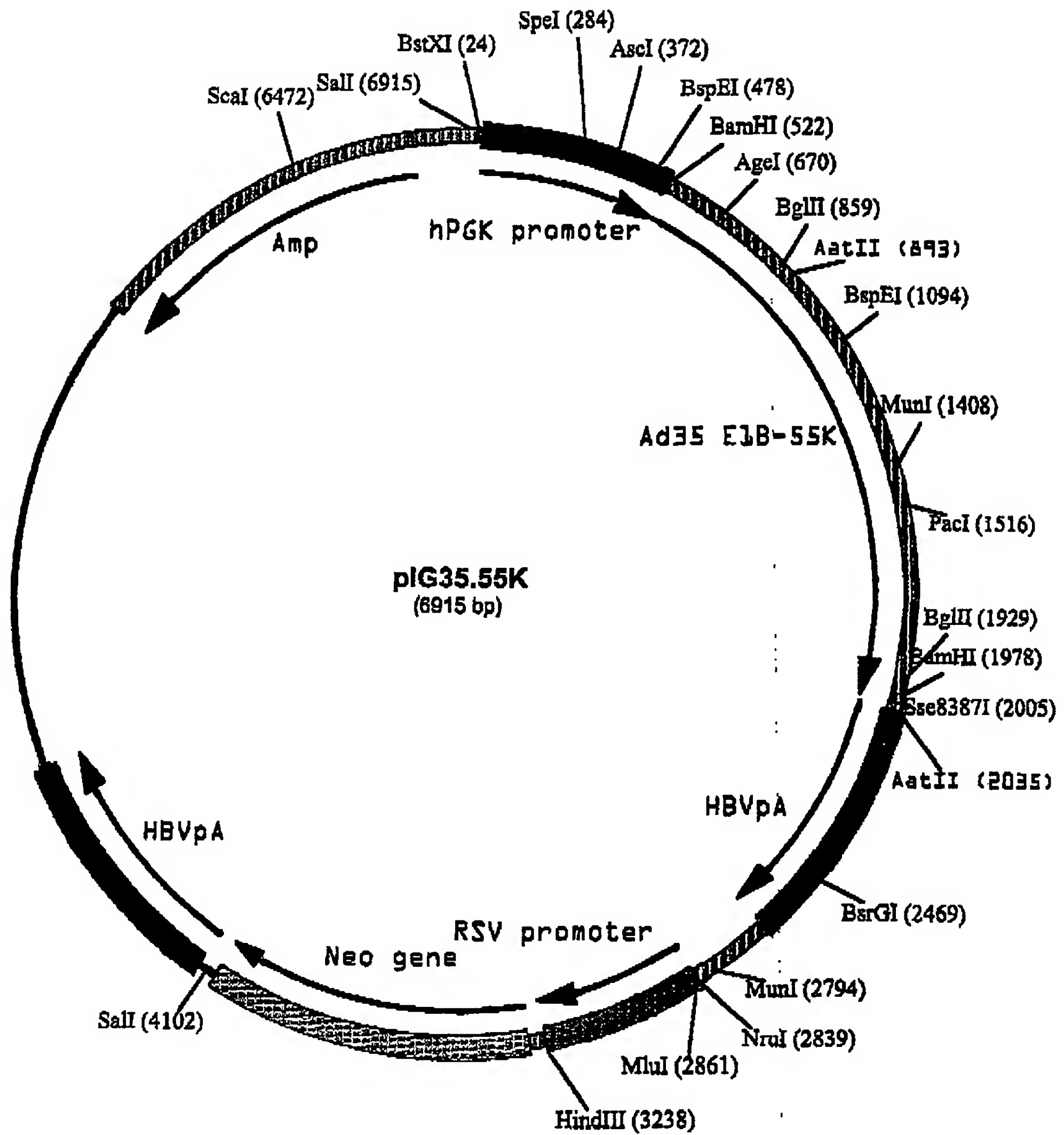


Figure 26

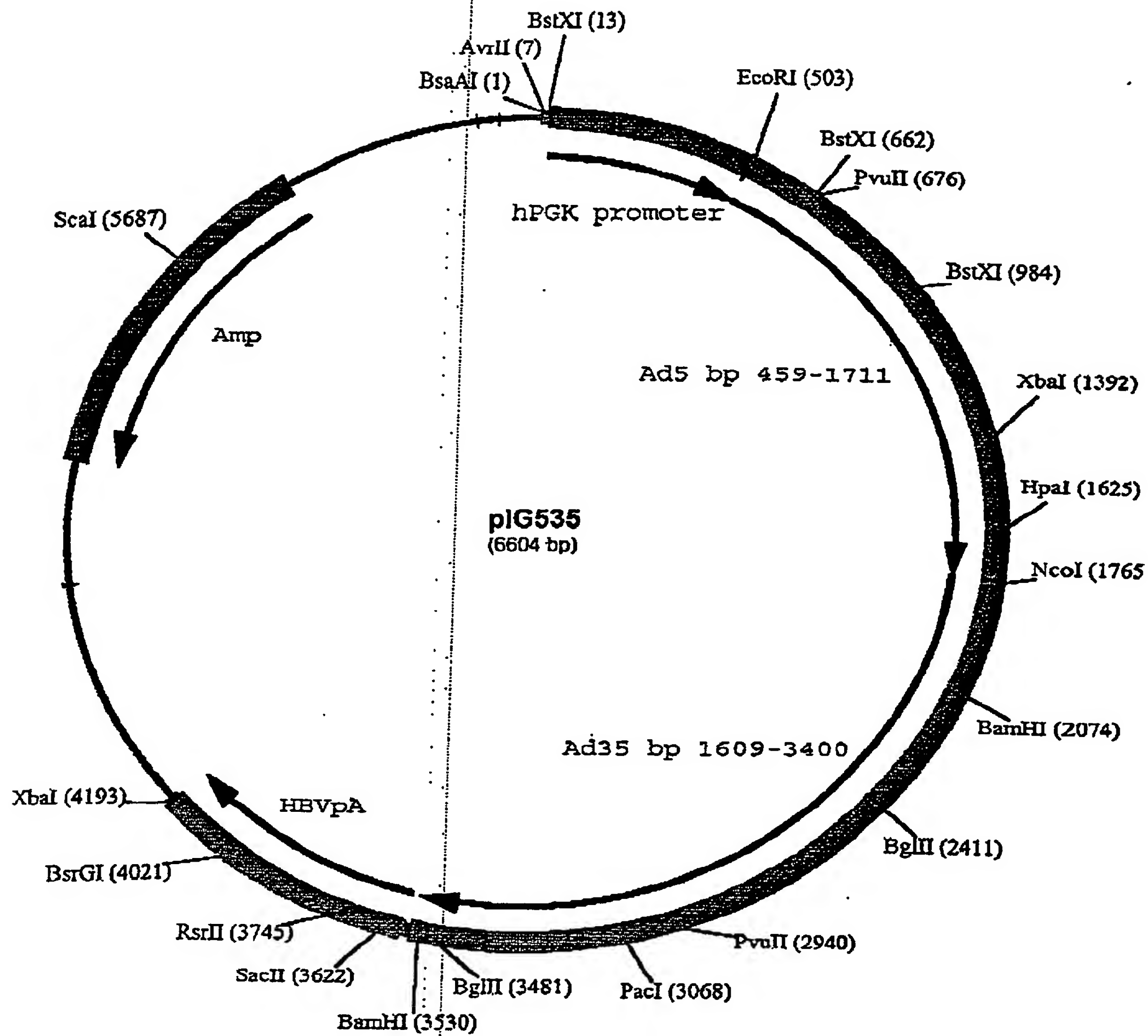


Figure 27

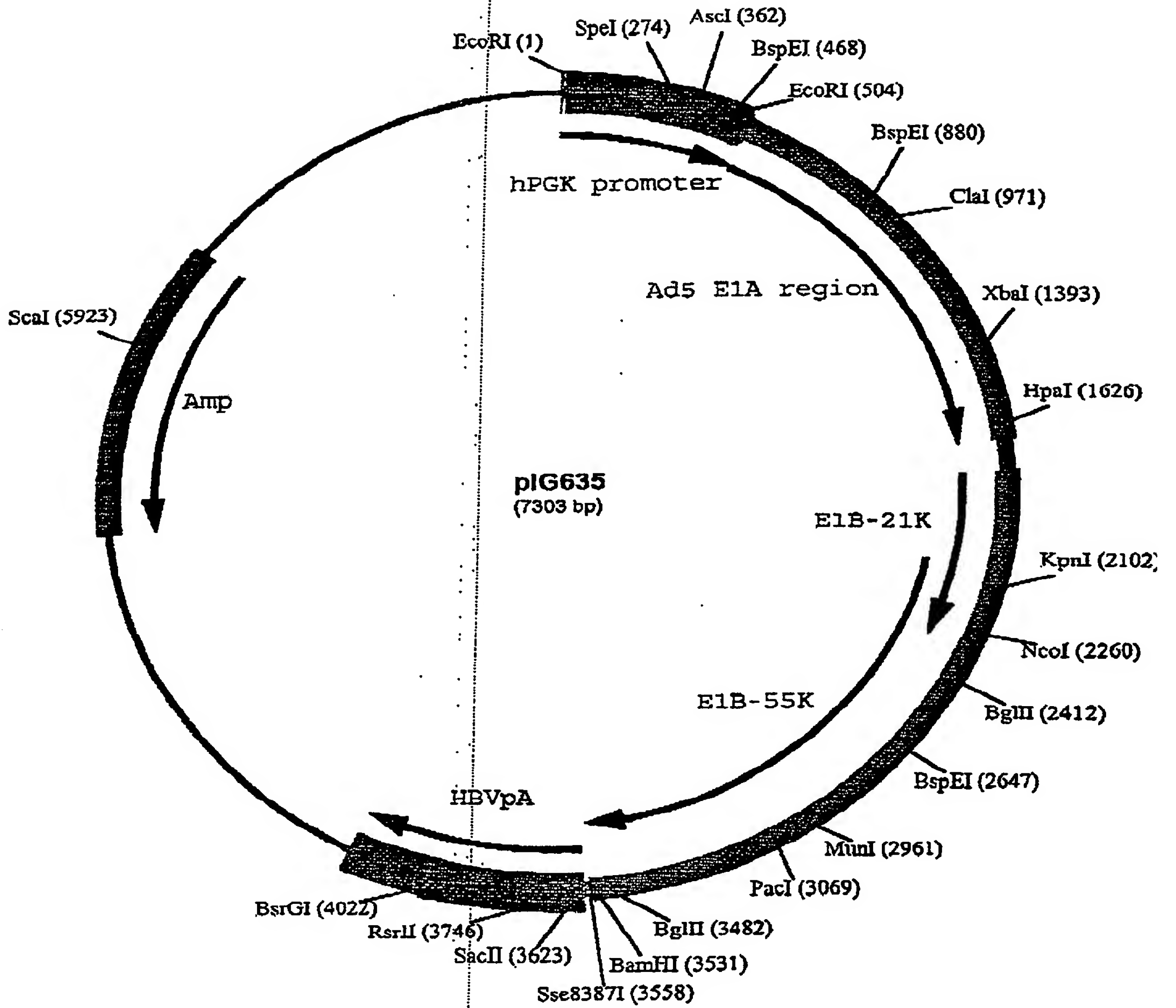


Figure 28

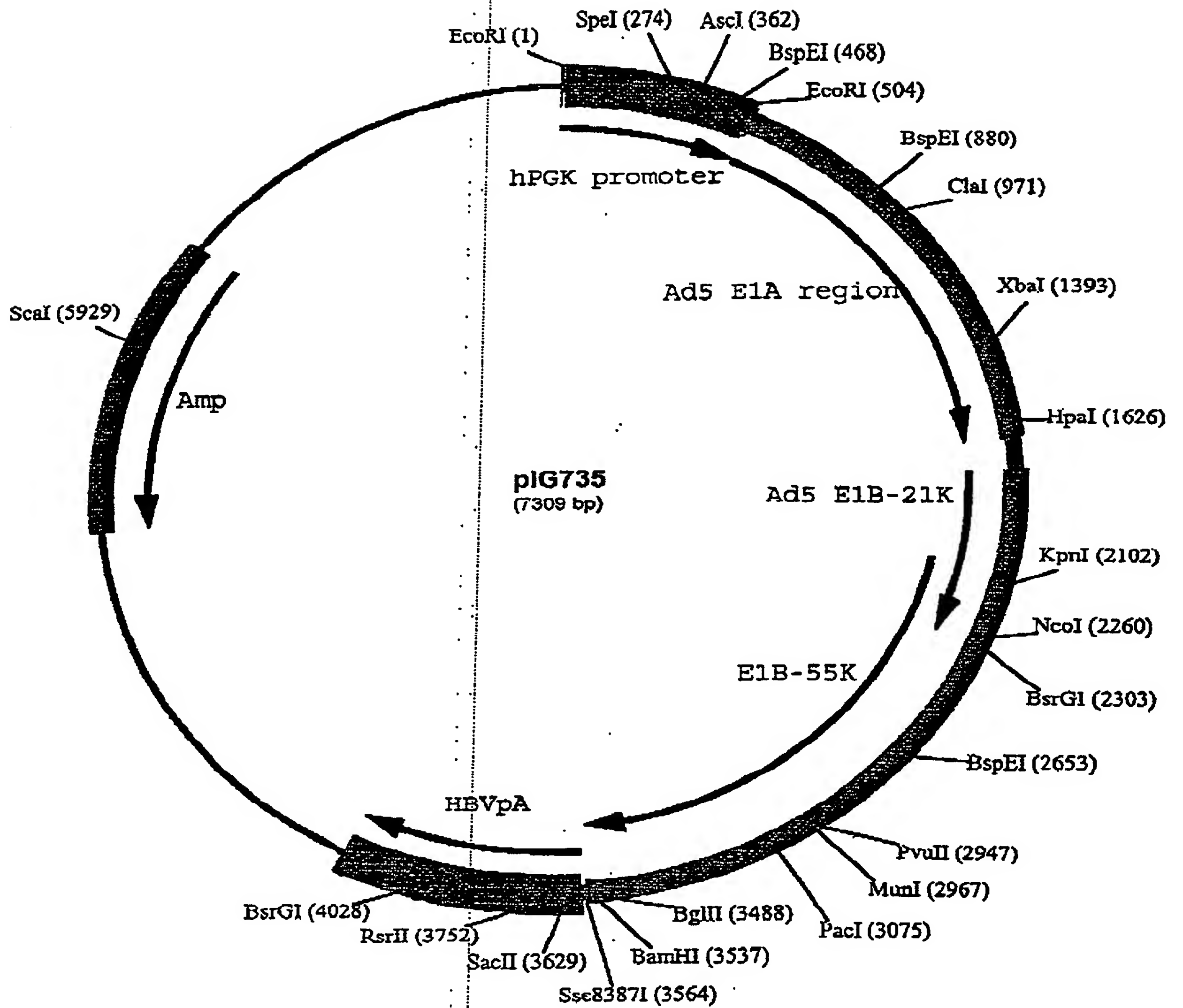


Figure 29

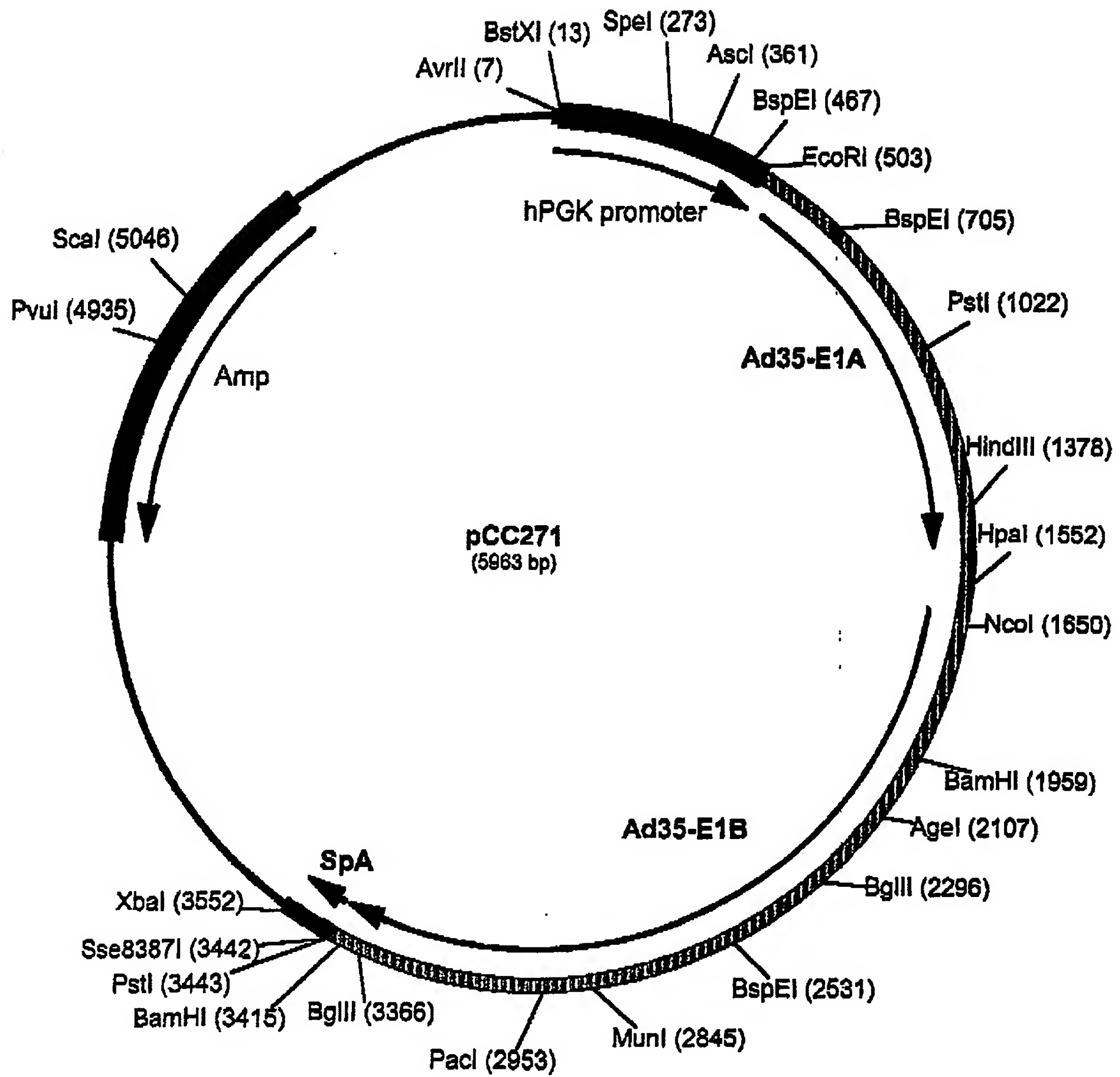
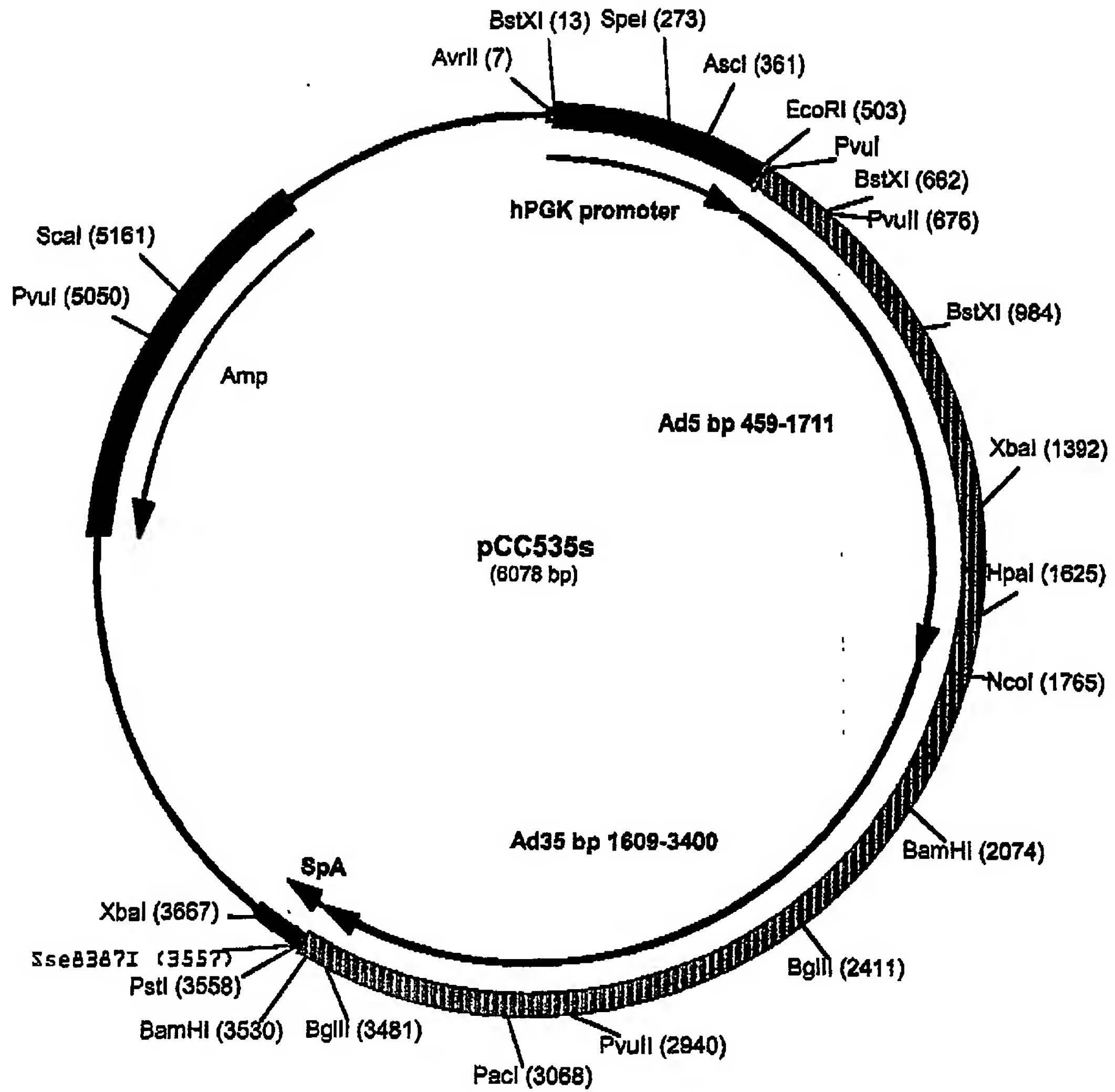


Figure 30



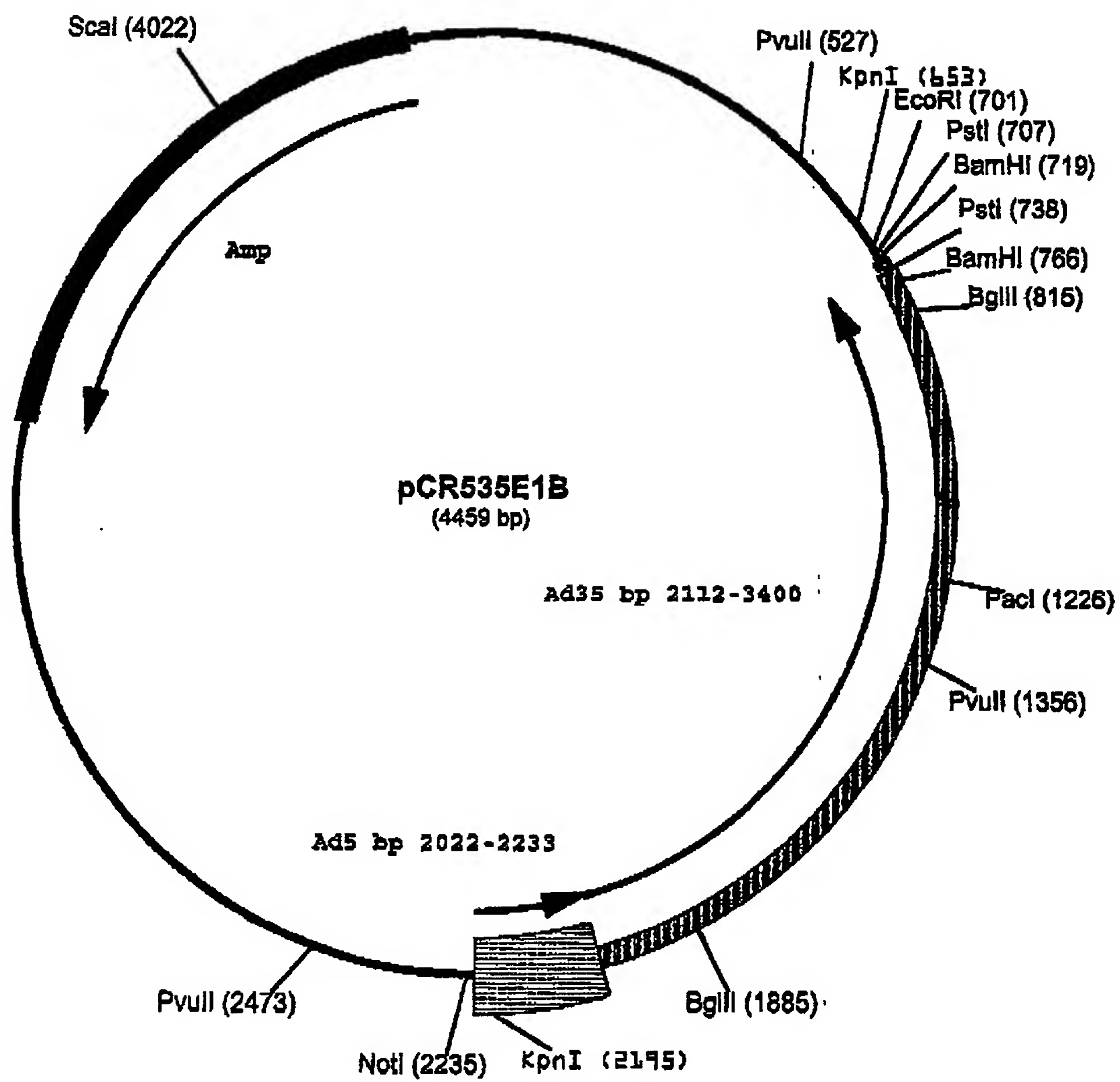
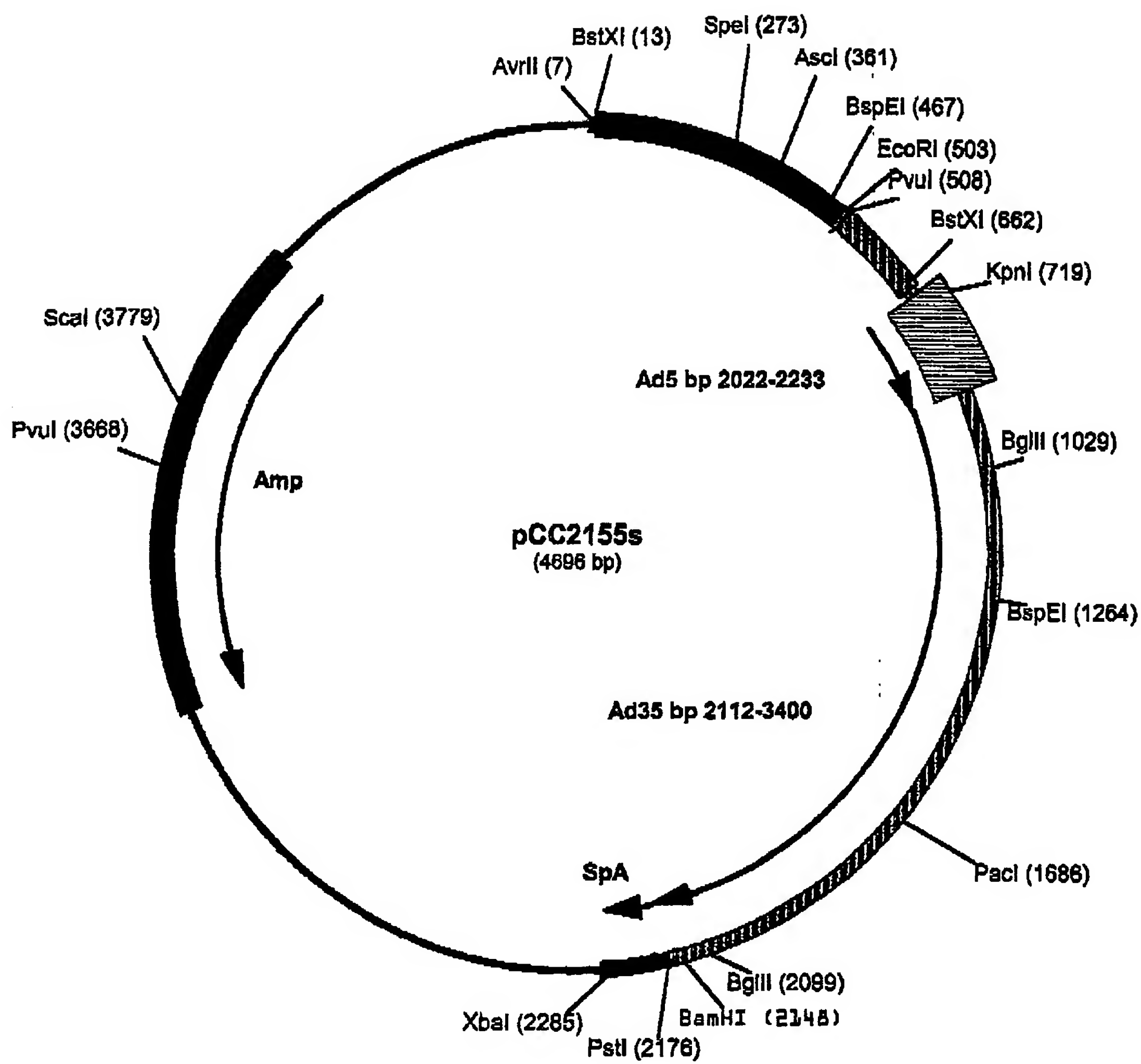
[illegible]

Figure 32



10002350-111501

Figure 34

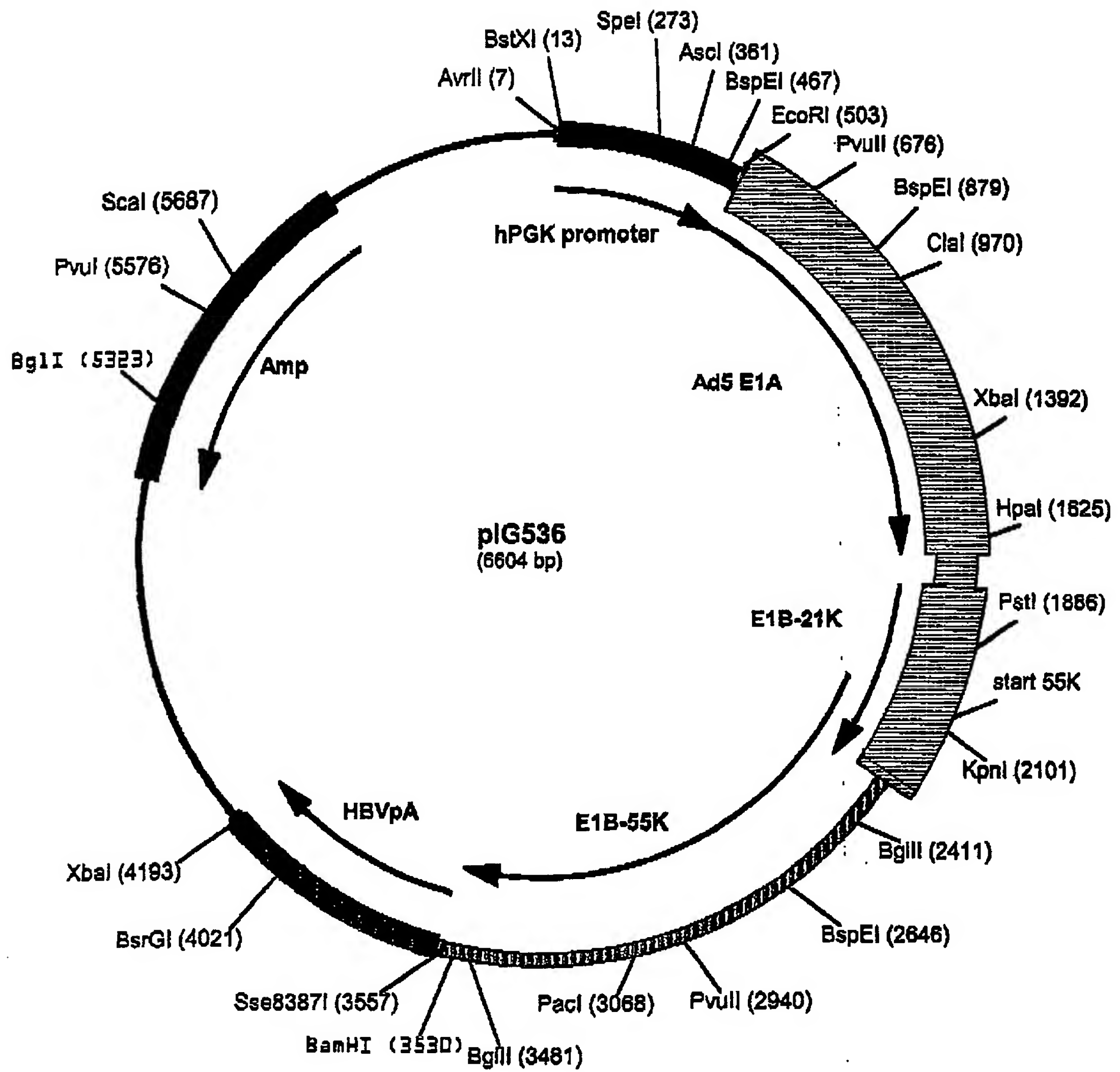
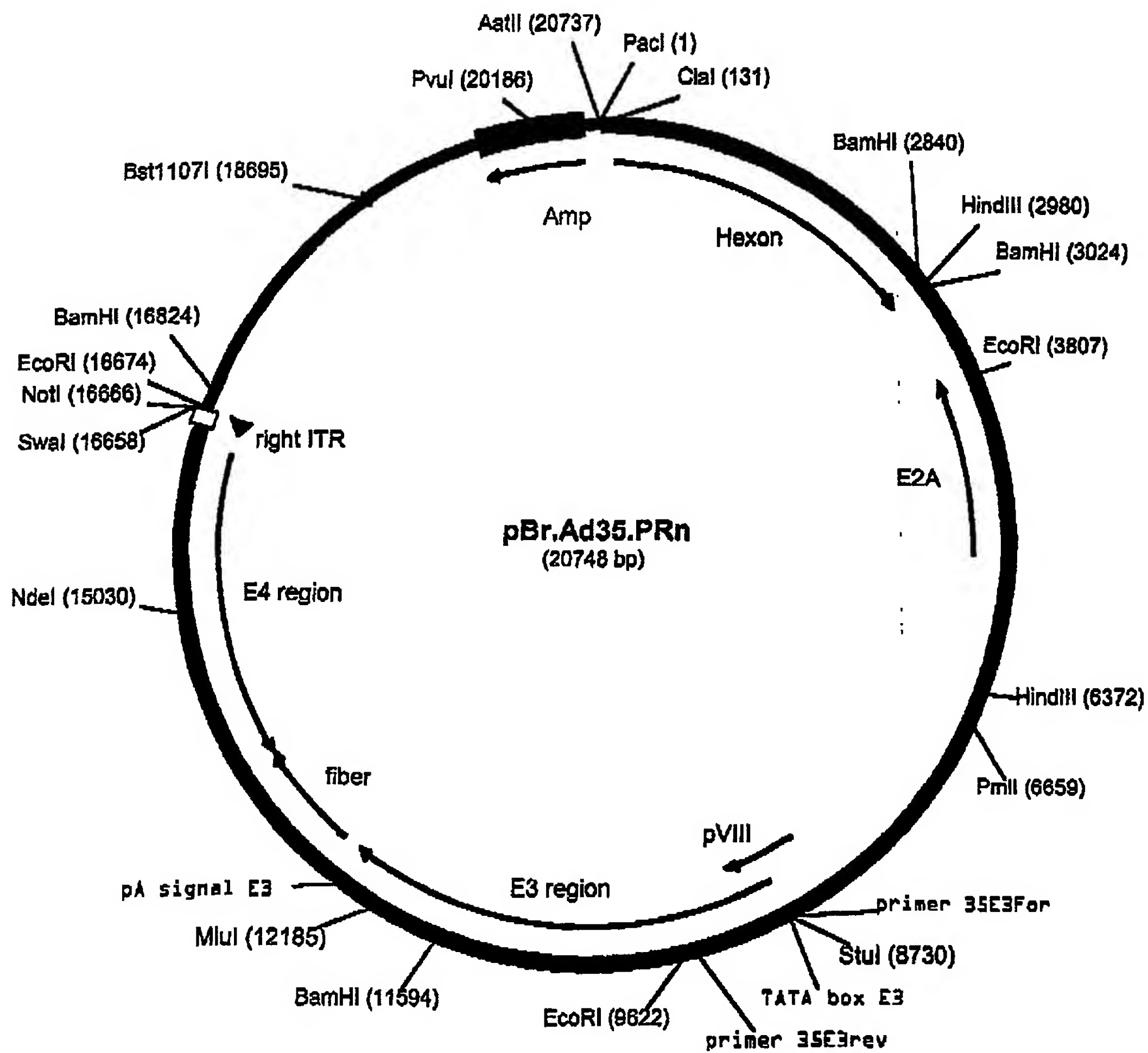


Figure 35



530

Figure 36

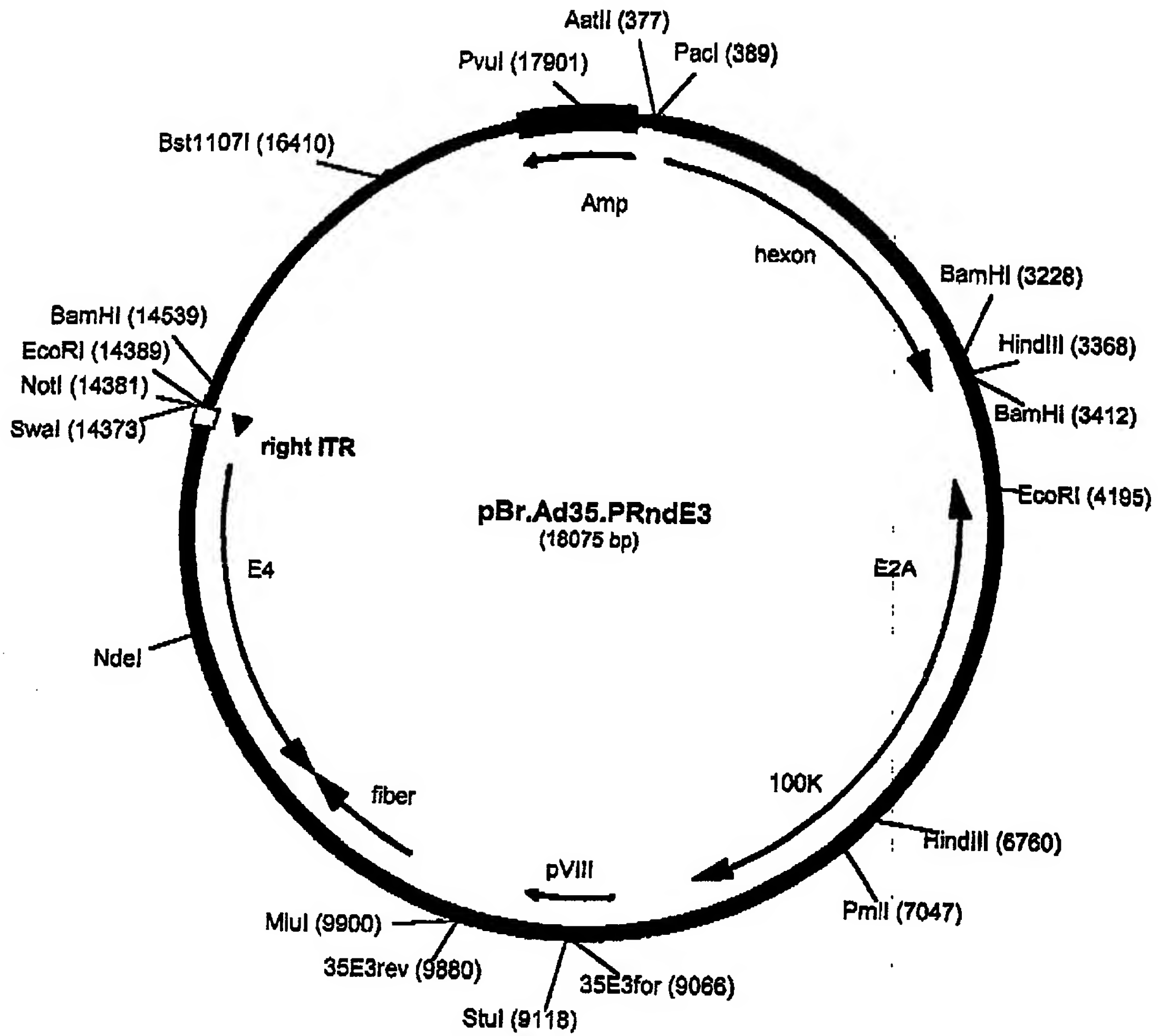


Figure 37

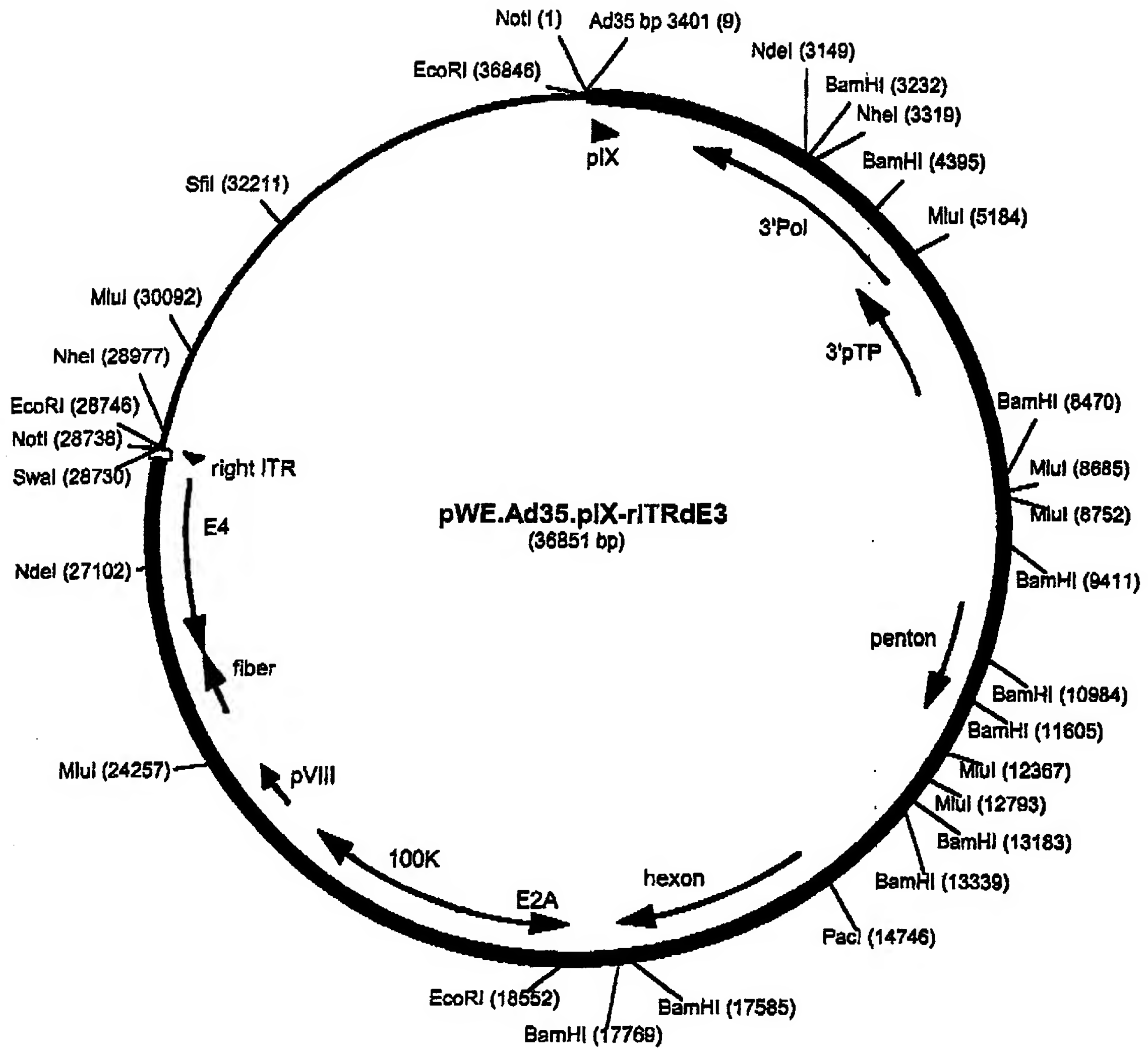


Figure 38 A: Alignment of E1B-21K sequences from pCC536s, wtAd35 and wtAd5

1	M E A W R C L E D F S A V R R M L L E Q S S N S T B W F W R P L W G S S Q A K L V C R I K E D Y K W E	PCC5369.21K.pro
1	M E A W R C L E D F S A V R R M L L E Q S S N S T S W F W R P L W G S S Q A K L V C R I K E D Y K W E	AdS.E1B-21K.pro
1	M E Y W A I L E D L R K T R Q L L E S A S D G V S G F W R P W F A S E L A R V F R I K Q D Y K Q E	Ad35.E1B-21K.pro
S1	F E E L L K S C G E L F D S L M L G H Q A L F Q E K V I K T L D F S T P G R A A A V A F L S F I X	PCC5369.21K.pro
S1	F E E L L K S C G E L F D S L N L G H Q A L F Q E K V I K T L D F S T P G R A A A V A F L S F I X	AdS.E1B-21K.pro
S1	F E K L L V D C P G L F E A L N L G H Q V H F K E K V L S V L D F S T P G R T A A A V A F L T F I L	Ad35.E1B-21K.pro
101	D K W S E E T H L S G G Y L L D F L A M H L W R A - V V R H K N R L L L S S V R P A I I P T E E Q	PCC5369.21K.pro
101	D K W S E E T H L S G G Y L L D F L A M H L W R A - V V R H K N R L L L S S V R P A I I P T E E Q	AdS.E1B-21K.pro
101	D K W I P Q T H P S R G V Y L D F I A T A L W H T W K V R K N R T I L G Y W P V Q P L G V A G I L R	Ad35.E1B-21K.pro
150	Q Q Q Q E E A R R R R R Q E Q S P W N P R A G L D P P V E E A E	PCC5369.21K.pro
150	Q Q Q Q E E A R R R R R Q E Q S P W N P R A G L D P P - - - E	AdS.E1B-21K.pro
151	H P P V M P A V L E E E Q Q E D - M P R A G L D P P V E E A E	Ad35.E1B-21K.pro

Decoration 'Decoration #1': Box residues that differ from the Consensus.

Figure 38 B: Alignment of E1B-55K sequences from pCC536s, wtAd35 and wtAd5

1	M	E	R	R	N	P	S	E	R	G	V	P	A	G	F	S	G	H	A	S	V	E	S	G	C	E	T	Q	E	S	P	A	T	V	V	F	R	P	P	G	D	N	T	D	G	A	A	A	A	A	A	G	PCC536a: 55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1	M	D	P	A	D	S	F	Q	Q	G	I	R	F	G	F	H	S	H	S	I	V	E	N	M	E	G	S	Q	D	E	D	N	L	R	L	A	S	A	A	F	G	C	S	G	N	P	E	A	S	T	G	H	A	S	G	S	G	G	G	A	Ad35: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1	M	E	R	R	N	P	S	E	R	G	V	P	A	G	F	S	G	H	A	S	V	E	S	G	C	E	T	Q	E	S	P	A	T	V	V	F	R	P	P	G	D	N	T	D	G	A	A	A	A	A	A	A	G	Ad5: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
61	A	E	P	M	E	P	E	S	R	P	G	P	S	S	-	G	G	G	G	V	A	D	L	S	P	E	L	Q	R	V	L	T	G	S	T	S	T	G	R	D	R	G	V	K	R	E	R	A	S	S	-	G	T	D	A	R	S	E	L	A	PCC536a: 55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
61	T	A	R	G	Q	P	E	S	R	P	G	P	S	S	-	G	G	G	G	V	A	D	L	S	P	E	L	Q	R	V	L	T	G	S	T	S	T	G	R	D	R	G	V	K	R	E	R	A	S	S	-	G	T	D	A	R	S	E	L	A	Ad35: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
61	A	E	P	M	E	P	E	S	R	P	G	P	S	S	-	G	M	N	V	V	Q	V	A	E	L	Y	P	E	L	R	I	L	T	I	T	E	D	G	Q	G	L	K	G	V	K	R	E	R	G	A	C	E	A	T	E	E	A	R	M	L	A	Ad5: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
119	L	S	L	M	S	R	R	R	P	E	T	I	W	H	E	V	Q	K	E	G	R	D	E	V	S	V	L	Q	E	K	Y	S	L	E	Q	V	K	T	C	W	L	E	P	E	D	D	W	A	V	A	I	K	N	Y	A	K	I	A	L	PCC536a: 55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
119	L	S	L	M	S	R	R	R	P	E	T	I	W	H	E	V	Q	K	E	G	R	D	E	V	S	V	L	Q	E	K	Y	S	L	E	Q	V	K	T	C	W	L	E	P	E	D	D	W	A	V	A	I	K	N	Y	A	K	I	A	L	Ad35: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
121	F	S	L	M	T	R	R	P	E	C	I	T	F	Q	Q	I	K	D	N	C	A	N	E	L	D	L	L	A	Q	K	Y	S	I	E	Q	L	T	T	Y	W	L	Q	P	G	D	D	F	E	E	A	I	R	V	Y	A	K	I	V	A	L	Ad5: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
179	R	P	D	K	Q	Y	K	I	S	R	R	I	N	I	R	N	A	C	Y	I	S	G	N	G	A	E	V	I	D	I	Q	D	K	I	V	I	R	C	C	M	M	D	M	W	P	G	V	V	G	M	E	A	V	T	F	V	N	V	K	PCC536a: 55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
179	R	P	D	K	Q	Y	K	I	S	R	R	I	N	I	R	N	A	C	Y	I	S	G	N	G	A	E	V	I	D	I	Q	D	K	I	V	I	R	C	C	M	M	D	M	W	P	G	V	V	G	M	E	A	V	T	F	V	N	V	K	Ad35: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
181	R	P	D	C	K	Y	K	I	S	K	L	V	N	I	R	N	C	Y	I	S	G	N	G	A	E	V	E	I	D	T	E	D	R	V	A	F	R	C	S	N	I	N	M	W	P	G	V	L	G	M	D	G	V	I	M	N	V	R	Ad5: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
239	F	R	G	D	G	Y	N	G	I	V	F	M	A	N	T	K	L	I	L	H	G	C	S	F	F	G	F	N	N	T	C	V	D	A	W	G	Q	V	S	V	R	G	C	S	F	Y	A	C	W	I	A	T	A	G	R	T	K	S	Q	L	PCC536a: 55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
239	F	R	G	D	G	Y	N	G	I	V	F	M	A	N	T	K	L	I	L	H	G	C	S	F	F	G	F	N	N	T	C	V	D	A	W	G	Q	V	S	V	R	G	C	S	F	Y	A	C	W	I	A	T	A	G	R	T	K	S	Q	L	Ad35: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
241	F	T	G	P	N	F	S	G	T	V	F	L	A	N	T	N	L	I	L	H	G	V	S	F	Y	G	F	N	N	T	C	V	E	A	W	T	D	V	R	V	R	G	C	A	F	Y	C	C	W	K	G	V	V	C	R	P	K	S	R	A	Ad5: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
289	S	L	K	K	C	I	F	Q	R	C	N	L	G	I	L	N	E	G	E	A	R	V	R	H	C	A	S	T	D	T	G	C	F	I	L	I	K	G	N	A	S	V	K	H	N	M	I	C	G	A	S	D	E	R	P	Y	Q	M	L	T	PCC536a: 55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
299	S	L	K	K	C	I	F	Q	R	C	N	L	G	I	L	N	E	G	E	A	R	V	R	H	C	A	S	T	D	T	G	C	F	I	L	I	K	G	N	A	S	V	K	H	N	M	I	C	G	A	S	D	E	R	P	Y	Q	M	L	T	Ad35: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
301	S	I	K	K	C	L	F	E	R	C	T	L	G	I	L	S	E	G	N	S	R	V	R	H	N	V	A	S	D	C	G	C	F	M	L	V	K	S	V	A	V	I	K	H	N	M	V	C	G	N	C	E	D	R	A	S	Q	M	L	T	Ad5: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
359	C	A	G	G	H	C	N	M	L	A	T	V	H	I	V	S	H	Q	R	K	K	W	P	V	F	D	H	N	V	L	T	K	C	T	M	H	A	G	G	R	R	G	M	F	M	P	Y	Q	C	N	M	N	H	V	K	V	L	L	E	P	PCC536a: 55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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421	E	S	M	S	K	V	N	L	N	G	V	F	D	M	N	T	M	K	I	W	K	V	L	R	Y	D	E	T	R	T	R	C	R	P	C	E	C	G	G	K	H	I	R	N	Q	P	V	M	L	D	V	T	E	E	L	R	P	D	H	L	V	Ad5: E1B-55K PRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Decontamination 'Decontamination #1': Box residues that differ from 5006388s 55K PRO.